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The Tabloid Woody and women: do they mix? The Tabloid

**Network: CD-Roms** for Christmas



Polly Toynbee: advice for agony aunts



# Read my lips: I won't give way

John Major yesterday warned the growing band of party rebels and dismattic. Conservative approach, or everybody will have to make their on the basis that someone is trying tion in the initial launch of the cur- Mr Major said the consequences sidents that they could be handing whether they want the massive ex- judgement whether they re going to a bit of pork-barrel politics or a bit rency, in 1999, he said that made it of a weak currency would be disas-

There were few signs last night that his ultimatum - backed by the threat of an early election - would work. The Prime Minister prompted further angry attacks from the Tory ranks when he used a 50-minute BBC television On the Record in-

terview to reaffirm the Cabinet's wait and see" policy on the European single currency: "My position hasn't changed on these issues, and it is not going to change in the last few months before a general But he twice warned his own

IPs of the risk they faced if they fused to accept that.

"Everyone is going to have to de-cide whether they want the prag-ing to continue with our policies and

# Major warns Eurosceptics, you'll lose us the election

thority that would follow the election of a different government," he said. "Now that is a choice I invite my own

party to examine. Later, turning from the "trivial, absurd arguments, overblown and distorted as they have been" about his position on the single currency, he addressed the "Westminster froth' of Tory MPs threatening to withdraw

support for the Government. 'Any one single backbencher can have his moment of fame if he decides that he is going to be difficult on any particular issue of policy," Mr

Well, the Government can't be

general election."

Clearly exasperated, he added: line on the single currency, Mr "Are you seriously saying to me that Major said: "It is in the national

Amsterdam in June to negotiate a

social chapter?

rather have Mr Blair going off to negotiating."

because it has a small majority. Taking a similarly unequivocal

even more imperative that Britain trous for the whole of Europe. The should be part of the negotiations. "Giving ourselves a red card now,

and fleeing the field when the game is still to be played, seems to me to Building Europe is not at all like poker. It is a game that

cannot be played in fuggy backrooms. It has to be played out in public' - Leading article, page 11

playing any part in the negotiations

any of these backbenchers would interest for Britain to be in there, be a dereliction of responsibility. "If they're cheating, what should I do? Do my critics say I should stand As for the Eurosceptic suggestion that a "fudge" on the terms of sin-"I am not going to have the Government bending and weaving away rome the things it believes are right gle currency membership could propagate and let them cheat, without playing any part in the negotiations at all? Where is the logic in that?" aside and let them cheat, without

breakdown of the European exchange rate mechanism had been bad enough. "That would be a teddy bears' picnic compared to what would happen if a single currency collapsed," he said.

"If all these things are going wrong, we need to try and stop them going wrong. Can you stop them going wrong, can you win a football match if you're not on the pitch? Of course you can't."

Mr Major then turned to the charge that he was trying to square the warring factions of his party. "It's not a question of appeasing people in the party or beyond the party...
I need to look at the national interest way before the party interest, and I

will." But the Tory Eurosceptics showed no sign of retreat in advance of this week's two-day Commons debate, the weekend Dublin summit that will formally wipe out the Tory

John Redwood said no one was asking Mr Major to leave the nego-tiations. Brussels was now "kneedeep in fudge", and he added: "Most people in the party feel that you influence a debate by having a view." Labour's Deputy Leader. John Prescott, told a Welsh Labour Party gala dinner: "John Major's 28th launch has failed to stem the tide of defections and the Tories now have

more defectors than the KGB." The Liberal Democrat leader, Paddy Ashdown, said: "He has at last said he will put the national interest before party interests. If he had established this earlier his party would not be in the mess it is.

### **Police** guard **'road** rage' victim's fiancée

Charlie Bain

Tracie Andrews, the fiancee of the alleged "road-rage" murder victim Lee Harvey who was arrested in connection with his death over the weekend, remained in hospital under police guard last night after doctors said she was too ill to be interviewed.

Me Andrews, 27, was admit-ted to hospital last Wednesday after reportedly overdosing on seeping tablets and tranquillis-ers. Police yesterday declined to mame the woman they had arrested, but sources close to the inquiry confirmed that it was Ms Andrews, and that it could be a week before she would be well enough to be interrogated.

Mr Harvey, 25, had his throat lashed and was stabbed more than 15 times in an isolated counby lane near his home in the Worcestershire village of Alvechurch a week ago. The only witness was Ms Andrews, who told police the attack happened after the couple's white Ford Es-





Tracie Andrews: Beaten up in the alleged 'road rage' attack,

cort Turbo overtook another car on Sunday night. She said a passenger in the mystery Ford Sierra had left his car and attacked Mr Harvey in the road after an argument with the pursuing driver.

During an emotional press conference last week, she broke down in tears and was comforted by Mr Harvey's parents as she told how the fat man with "staring eyes" calmly walked away after the attack, leaving her cradling her dying boyfriend on the deserted lane.

At a press conference yesterday Detective Superintendent lan Johnston, leading the mur-der inquiry, said: "We wish to confirm that yesterday a 27year-old woman was arrested in connection with the murder of Lee Harvey. In accordance with our duty of care, she was exam-

ined by a police surgeon and tak-en to hospital. We have not and will not confirm the identity of that person."

Mr Johnston said inquiries were still continuing and apnealed to anyone who had spotted Mr Harvey's car or any Other vehicle travelling between the Maribrook public house in Bromsgrove, where the couple had spent last Sunday evening, and the scene of the murder to

come forward. He said that searches were still continuing around the murder scene but he was not aware of any important finds. Asked if he was still looking for anyone else in connection with the murder. Mr Johnston repeated his appeal for anyone who spotted the white Escort or any other vehicle on the alleged route to come

# Job schemes too confused for trainees

Exclusive

Fran Abrams

The Government's attempts to cut unemployment are badly coordinated, confusing and often of low quality, according to a leaked report from the bodies set up by ministers to oversee training for people out of work. The draft policy document, which will be used to lobby min-

isters, civil servants, employers and industry, is bound to prove highly embarrassing.

Drawn up by the national coordinating body for the 81 Training and Enterprise Councils in England and Wales, it also says the benefits system discourages unemployed people from look-ing for work. The TECs spend £1.2bn each year on training programmes which also include

posts for young people. The work in progress, leaked to Labour's Employment spokesman, Stephen Byers, is expected to be completed

within the next mouth. It will detail "a confusing aray of opportunities" and complex rules which the TECs believe put off Britain's two million jobless and lessen the usefulness of government schemes. It also says that forcing people to go on programmes by threat-ening to cut off their benefit demotivates them further.

One of five policy documents being produced by the TECs in an attempt to co-ordinate pol-icy and to tackle fundamental issues on unemployment, it says opportunities often fail to relate of schemes to see whether they meet the needs of their re-

gion, the economy or the wider community, it says.

Although some programmes are subject to inspection, there is little control elsewhere on their quality, it adds. Most unemployed people want a proper job rather than a scheme, it argues, and they often believe that gov-

likely to help them find one. Research shows that the biggest disincentive to unemployed people thinking of going back to college is the fear that they will lose their benefit if they do so. The social security sys-tem is inflexible, and does not encourage people to take lowpaid or part-time jobs, the report says. The Job Seekers' Allowance which was introduced in October and which compels claimants to sign agreements to look for work. will only make matters worse.

ernment programmes are un-

Mr Byers said the document was "the clearest possible condemnation of the Government's failure to adequately tackle the question of long-term unemployment." A spokesman for the TECs said the document had not yet been finalised. "It is invidious to think we are in the business of criticising the Government, full stop. We are trying to influence the thinking of ministers, civil servants and 

other bodies," he said. A spokeswoman for the Department for Education and Employment said it had not yet seen the criticisms but that they to the needs of employers. would be studied with interest.

Major no to Sinn Fein A "phoney" IRA ceasefire would not give Sinn Fein access to the political talks being held between the Government and the parties of Northern Ireland, John Major warned. Page 2

Vote stays rigged
The Serbian authorities dashed

hopes of a compromise in the nation's growing political crisis yesterday when the Supreme Court rejected an opposition ap-peal against the official rigging of election results. Page 8

Fighter jet millions

British aerospace factories stand to earn tens of millions of pounds after Boeing was shortlisted for the project to build the next generation fighter jet for the US and Britain. Page 16

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significant shorts

# A boy of nine helps a nation honour his daddy



Frances Lawrence (above, right) the widow of the murdered headmaster, Philip Lawrence, with her children, (from left), Maroushka, Mylanwy, Unity and Lucien, at a ceremony yesterday at which a memorial to her husband was

unveiled by youngest child, Lucien, nine, at the spot where he was killed. Politicians and religious leaders urged the nation to follow

Mr Lawrence's example. Helped by the Duchess of Kent, in front of the marble plaque. As his family and a crowd of more than 200 people looked on, he said: "I shall now unveil the memorial to my daddy. He then pulled back the curtain

covering the plaque on a wall out-

side the gates of St George's School in Maida Vale, north-west London, near the spot where Mr Lawrence was stabbed as he helped a pupil being attacked by a gang. There was tight security

presence of a VIPs including the Home Secretary, Michael Howard, and following a failed abduction attempt on Lucien from his home by bogus social workers last week.

Photograph: Michael Stephens/PA

# turn to Britain for a bargain

#### Clare Garner and Diane Coyle

The seasoned bargain-hunter knows it is necessary not just to shop around, but to shop around the world to get good value for money. Why else would the Swedes and Danes be doing their Christmas shop-

ping in Oxford Street this year? Scandinavians are turning their backs on expensive home cities such as Copenhagen and Stockholm and heading for cheaper European centres such as Brussels, Frankfurt and Lon-

The League Table of Global Living Costs, published today and based on price comparisons across 121 big cities, is compiled by the Economist Intelligence Unit for expatriate businessmen, but could just as well double up as an essential price guide for any serious international shopper.

Tokyo tops the charts, although the weakening yen means it is not quite as expensive as at its peak in June 1995. In London, ranked 28th and five per cent dearer than New York. prices have not changed much

Not surprisingly, New York-which has moved from 36th to 32nd place - is America's most expensive city. Chicago is sec-ond - ranked 45th along with Auckland, Melbourne and Wellington. San Francisco is 51st, and Los Angeles and Miami joint 58th. Beyond the border, Mexico will not necessarily yield the bargains it once did. For the cost of living there is increasing due to the continuing high inflation after the devaluation of the peso at the beginning of last year. Although changes in rankings

are due mainly to the strength of the dollar against the yen and European currencies, the results of the six-monthly survey sheds a clear light on weak inflationary trends across the world. In only a few countries, such as Mexico, is the cost of living ris-

So those who are set on shopping in Tokyo and Osaka, ranked first and second in the world respectively, can console themselves with the fact that prices in these cities have dropped by nearly a quarter in

# Swedes Low-pay benefits subsidise cowboy bosses, says Labour

The number of low-paid families drawing state benefits is rocketing and will cost employees the equivalent of 2p on income tax over the next five years, according to Labour Party analysis of official figures. Based on statistics produced by the House of Commons library, Labour points out that 'in-work" payments are ex-

cal family £260 a year in tax. Using Government figures, Ian McCartney, Labour's chief employment showed that the proportion of families drawing family credit

would not give Sinn Fein access

to the political talks now being

held between the Government and the parties of Northern Ire-land, John Major said yesterday.

On the eve of London talks

with John Bruton, the Irish

Prime Minister, John Major

told BBC television's On the

Record he was not optimistic

about another ceasefire, though

would be a phoney ceasefire – a ceasefire simply to score pub-

lic relations victories and to try

and have Sinn Fein parachuted

into the talks without actually

giving up the violence which has sustained the IRA for so long,"

plosives. That's not a genuine

The tone of Mr Major's re-

Mr Major said.

"But what I do not wish to see

he could not rule one out.

area of the country by between 20 and 50 per cent in two years. In some parts of Britain the percentage had doubled.

Having attempted to awaken the conscience of the electorate in support of statutory minimum wage, Labour yesterday appealed to the wallets. Mr McCartney said Labour

Major fears new

'phoney' ceasefire

would make the introduction of the minimum wage a priority. "We will insure that taxpayers" money is used to get people pected to total £21.9bn in the back to work, not thrown away years to 2001 - costing a typiby subsidising cowboy bosses.

spokesman, had jumped in virtually every their tax is subsidising com-

petitors who pay their staff less. The analysis by Mr McCartney denotes a significant shift in the party's argument for raising the wages of the poorest workers. Mr McCartney's assertions,

for a minimum wage of £4 an hour or more. In a statement the employment spokesman points out that 342,000 workers earn less

than £1.50 an hour and that 2 million were paid less than £2 While the Government eman hour. It is increasingly clear phasise the burden on compathat a future Blair administranies of a statutory minimum pay tion will be thinking in terms of a minimum near the £3 mark, rate, Labour has attracted increasing support from which most experts predict will employers on the basis that have a minimal impact on.

The House of Commons library found that over the past five years the average real growth of in-work benefits has been 14 per cent a year. Mr McCartney says that continued growth at the however, also reveal that same rate would mean that by Labour has little intention of 2000 low pay would cost the taxconceding to unions' demands

He pointed out that "inadepay which has to be topped up by benefits funded by the taxpayer was often used by unscrupulous employers to minimise costs and undercut their

Mr McCartney said: "The Government's failure to tackle poverty pay could cost families across Britain £1,300 each in the Tory low pay tax over the next

while the Government had allowed some privatised utilities to pay little or no tax since privatisation, it was prepared to burden taxpayers with an extra 2p in the pound levy to support Scrooge employers.

"Benefits have an important part to play in helping people into work, but without a minimum wage the system is wide open to abuse. A national minimum wage would help the low paid and prevent cowboy employers using low pay to undercut to their competitors, leaving the taxpayer to pick up the tab.

Labour plans to set up a low pay commission, made up of employers, unions and independent representatives, to adfive years." vise the Government on level of the minimum rate. rise the Government on the

help this country out of its

"Who is going to pay for that?" The Prime Minister said

that none of the big contribu-

tors - Germany, France or the

UK-would want to bail out the

want to belong to," a senior Government source told The In-

do immense damage and the Prime Minister should cast his

Yesterday, Mr Major made it plain that he would do just that. "There's no point in it coming

together for one single day if some countries are going in dif-ferent directions. It needs to be

There is a strong Treasury view that weak economies will not

be allowed into the single cur-

rency, if only because German public opinion would not wear it. In evidence to the House of

Lords European Communities Committee Gus O'Donnell, the

Treasury's deputy director of macroeconomic policy, pointed out that the Maastricht treaty referred to "the durability of your fiscal position; the sustainabili-

ty". That was the message re-

peated by the Prime Minister

a sustainable position."

"That is not a club we would

*enden*t last week. "It would

weak link in the chain.

vote against it."

#### plane carrying 45 people Society conference was told. The left undercarriage of the KLM Dutch National Fokker 50, a twin-engined turboprop, collapsed after landing, causing the aircraft to spin round.

The pilot had become ware of a problem with the landing gear when a warning light came on during the flight from Rotterdam. He

Huge delays

Hundreds of flights to and

delayed yesterday after a

informed air traffic control, who alerted the emergency services. Passengers said the pilot circled Heathrow for 45 inutes while he tried to get

Sherif Fahmy, a 35-year-old Egyptian businessman, said: " When we landed the first touch was fine, but then we felt the main undercarriage bar break and the left side of the plane just went down with a tremendous bang." Fire engines smothered the aircraft with foam as it was evacuated.

#### Hamilton's Mason link

A Labour MP is calling for an inquiry into allegations that Thomas Hamilton, the killer at Dunblane, had links with the Freemasons.

Frank Cook, member for Stockton North, said he had tabled a Commons motion claiming Hamilton may have been allowed to build up an arsenal of high-powered weapons because of links with the ultra-secret society.

Mr Cook claims Hamilton was granted a firearms certificate in 1979, two years after joining Lodge number 1417 of the Masonic Order at Garrow Hill, Glasgow. No-one at the lodge was available for comment.

Mr Cook says his information is from a senior nolice source.

# Seeing the

A couple have been ordered to camouflage their bright it clashes with the stone houses in their village, a conservation area.

John and Jill Sharp fitted the box on the front of their home in Windrush. Gloucestershire, in the Cotswolds, but neighbours disliked the contrast with the yellow of the stone buildings.

Cotswold District Council has issued a notice telling them to repaint it but they have refused. "The colour is designed to deter a housebreaker and any attempt to camouflage it would negate this," Mr Sharpe said.

#### Church clashes: four in court

charged with public order offences following loyalist protests on Saturday night outside a Catholic church in Ballymena, Co Antrim. Three were given bail and the fourth was remanded in custody at a special sitting of the town's magistrates court.

A further six men are due in court in Belfast today facing charges related to an attack on a Catholic house.

#### Lung cancer after Heathrow services crash-landing a lottery

Lung cancer services are a lottery in which some from Heathrow airport were patients receive madequate care, a British Thoracic

> Particular problems were poor access to specialist care for the elderly and those in lower socio-economic groups, unacceptably long waiting times, and variations in

practice.
Older patients were significantly less likely to receive active treatment for lung cancer, said Dr Robin Rudd, consultant chest physician at the London Chest Hospital

He cited a study in Southend, Essex, which showed that surgery was undertaken in 18 per cent of those under 65, 12 per cent of those aged 65 to 74, and only 2.1 per cent of those over 75.

#### Seal of approval

Animal lovers are being asked to "adopt" a seal to help fund research into secretive colonies living in sea caves in cliffs at Land's End. The pioneering study of seals by Stephen Westcott is threatened by slack of money, said Cornwall Wildlife Trust. Its £15-a-year seal adoption scheme, which entitles the "parent" to an information pack and updates, will help the project

#### £8m cannabis haul seized

Cannabis with a street value of £8m was seized from a ship by customs officers. The two-and-a-half ton haul was found off west Wales on Saturday and seven people were arrested. Customs said it was likely the drugs were from Morocco.

#### Carers under pressure

More than a third of people who care for an elderly vellow burglar alarm because relative, including increasing numbers of men, have a full-

time job.

Research by Help The
Aged warned that ignoring
working carers could have significant economic consequences. Employeecarers reported taking an average 3.8 days in the last six months off because of their responsibilities.

Esons o

The study suggests that lower productivity, higher absence rates and increased staff turnover are a consequence of ignoring the needs of working carers and urged employers to see the issue as being as as significant as child-care. Glenda Cooper

#### Operation by telephone

Paul Robson became a do-ityourself medic when he removed a 10-inch tube left in his wife's body after an operation - as a nurse gave instructions by phone. South Tyneside Healthcare NHS Trust has since apologised to Gillian Robson, of Byker, Newcastle, who is awaiting cash

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BACK ISSUES

#### on IRA actions, not time Within days

In retrospect, he added, the last ceasefire had been a phoney", even though the Government had thought it "What did we subsequently find out, we subsequently found out [that] within days of de-claring the ceasefire, Sinn Fein/

IRA were filling garages in London with Semtex and exmarks suggest a further hard-ening of the British line fol-Adams of Sinn Fein.

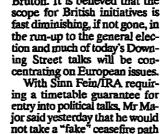


Major: Progress dependent

#### of its last declaration, the

IRA was filling London garages with Semtex'

Downing Street statement, replying to overtures from John Hume, leader of the nationalist Social Democratic and Labour Party, and from Gerry But that will not surprise Mr



entry into political talks, Mr Major said yesterday that he would not take a "fake" ceasefire path again. "We've done that, and we were betrayed by Sinn Fein/IRA who said one thing when they were doing another. This time it needs to be real."

Asked how long he would wait before accepting a cease-fire was real, he said: "I will not wait for too long to see if it is to be sustainable - I am not going to give you a time. It depends on actions, not on the passage of a few days or weeks." That credibility would have

to be tested by intelligence reports from the security ser-vices, rather than the passage of time, or the words of Sina Fein/IRA. As for his decision to make

last month's unilateral state-ment, the Prime Minister said: "If I had not published our position, in the conspiracy at-mosphere that so often exists in Northern Ireland politics, many people would have feared that we were doing a backstairs deal with Sinn Fein and with the

# PM warns of weak links in single currency

#### Anthony Bevins and Diane Coyle

The European Union is faced with two choices over the single currency when it decides which countries should be allowed to ride the first wave in 1999. It can either start small,

with a few countries that have firmly established the convergent economic stability that is required, or it can fudge the terms of entry and allow even the most profligate applicants to join up. The Treasury preference is for

a hard-core foundation which can be built on securely as other countries fall into step on As John Major said in his On the Record interview yesterday,

the alternative could be too dire could fail and the consequences would hit all members of the EU, whether they belonged to the single currency or not. He said that if a weak coun-

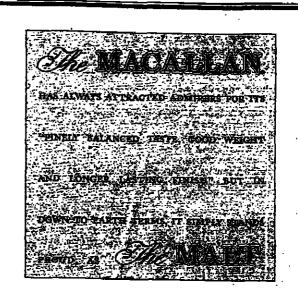
try crept into the currency, its un-competitive vulnerability would soon be exposed "and it would get very large amounts of un-employment, structural unemloyment, on a very large scale. "What would bappen then?" he asked. "Then they would call

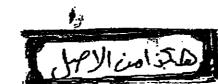
yesterday. For the moment, he appears to be pushing at an open door. everyone together, and say, We must find some expenditure to The MALT

 $\mathscr{A}$  rockery









news

# sue over 'mad cow' death

The father of two young children whose mother died of the human equivalent of mad cow disease is to sue the Government for compensation on their behalf. In the first case of its kind, Thomas Kerr, 41, is seeking damages for Gemma, nine, and John, seven, who are now being brought up by their 65year-old grandmother.

When Mr Kerr's ex-wife, Janice Stuart died in September, aged 35, she became the 13th person in the UK to have contracted the new variant of Creutzfeldt-Jakob Disease (CJD). Since then, a 14th case of the new strain of the degenerative brain disease has been recorded.

Mr Kerr, of Milton of Campsie, near Glasgow, intends to prove that the Government was negligent in failing to warn the public of the dangers of eating beef. If his legal action is successful it will open the floodgates for claims from other families of victims.

Two weeks ago The Independent revealed that, according to new estimates based on cases such as Ms Stuart, the new variant of CID could kill hundreds of people every year, reaching a peak in about seven years.

Unlike the normal form of CJD which usually affects people over 60, the new variant of CID has mostly affected people under 40, including a number of teenagers. It is incurable, and the symptoms, which take two years to develop, include de-pression and failing coordination, followed by dementia and

coma leading to death. Ms Stuart was treated for de-pression for almost 10 months are refused," he said. "There is before she was admitted to the something morally wrong about Hospital, at Kirkintilloch, Strathclyde, in August. When

feet, doctors thought it was the

CID came only after her death. Mr Kerr, a housing manag-er with East Dunbartonshire council, only learnt that his exwife was seriously ill when her mother contacted him in August. He had not seen his two children since his divorce two years earlier.

This weekend he insisted that in taking the case to court he was not seeking to gain personally. "As far as I am concerned they [the Government] allowed it to happen, and I am confident it can be shown that it is the Government which must take responsibility for these deaths," he said.

To his former mother-in-law, can compensate for the loss of her daughter. Speaking from her home in Stirlingshire yesterday she said: "I'm all for justice, but there's no money could compensate for a life of a dear person – and a mother. She added, however, that

she wanted the public to be made aware of the "cover-up" and would be pleased if the children, for whom she has always been a "second mum", were awarded compensation in the process. "If Gemma and John get compensation I'll be really pleased for them. They're only nine and seven. I'm 65. I'll not be here forever.'

Mr Kerr, who has the backing of his local MP, Tom Clarke, is prepared for a long campaign. "I will see this right through to the end and I won't stop until Gemma and John get what is of the day they can benefit from me drawing attention to she became unsteady on her it, then so much the better."

# Father to Jeweller rings bells with head-turning gag



Julie Richards, of the National Museum and Gallery in Cardiff, trying on The Pavlovian Trainer, a piece of Jewellery by Ira Sherman, designed to curb verbosity – part of the touring exhibition 'New Times, New Thinking. Jewellery in Europe and America', in Cardiff until March Photograph: Rob

#### Call to keep morality out of school

Judith Judd Education Editor

Government advisers on the National Curriculum should steer clear of morality, a rightwing think tank warns today.

A pamphlet from Politeia says plans to issue a list of moral values for schools will barm rather than belp the teaching of morality and threaten academic study. Dr John Marenbon, the author, who is a fellow of Trinity College Cambridge, ridicules the proposal from the School Curriculum and Assessment Authority, which has drawn up the list, that morals should be taught in all lessons including the humanities, science and even PE.

"Moral mathematics is not discussed but no doubt the best brains in the authority are working on it," he says. The guidelines, says Dr Marenbon, are vacuous. They are neither precise rules of behaviour such as "Don't lie" or "Keep your promises" nor general moral first principles such as "Act so as to maximise the balance of pleasure over pain in the universe" and "Act in accord with what you believe to be God's

Instead, in their desire to avoid disagreement, the advisers have resorted to a set of middle-level principles, many of which are contradictory. For instance, the pamphlet says, children are told they must "try to understand their own character, strength and weaknesses" and immediately afterwards "to develop a sense of self-worth".

"But what human is there who does not value himself less the better he knows himself?" asks Dr Marenbon. Equally questionable, he says, is the idea that pupils should "preserve areas of beauty wherever possible." It is rarely impossible to preserve a beautiful area but this may conflict with other principles in the list such as increasing economic prosperity.

□ A Moral Maze: government ues in education from Politeia. 28 Charing Cross Road, London. Price £5.

# The Sons of Cornwall are on the march, and this time it's away from London

Half a millermium ago, 15,000 Cornish rebels marched on London. Now thousands of Cornish people are planning to do it again in the form of a commemorative march calling for greater investment in the region and the cutting of ties to Eng-

A resurgence in Celtic lan-guage and music together with chronic unemployment and perceived "racism" by the English have reinforced the concept of Cornish identity to unprecedented levels in modern times.

A record number of Cornish Nationalist candidates will stand in the General Election, on a platform which demands Cornish language lessons in schools and a separate Cornish Assem-

bly.
Nationalist politicans will be seeking to capitalise on the 500th anniversary of the An Gof rebellion next year, when 15,000 Cornish marched on London and fought the English army at Blackheath, south of the capi-

The 1497 rebellion, a protest at an English tax levied to raise money for a war in Scotland, led to the drawing and quartering of the two leaders, Michael Joseph An Gof and Thomas Flamank, and the death in battle of 2,000 rebels. In May, the march will be re-enacted peacefully. culminating in a mass celebration of the Cornish identity in London, with trade shows and cultural performances including a service in the Tower of London and a concert by the Cornwall Youth Orchestra in the Barbican.

Although the celebrations are ostensibly non-political, and will include those who do not advocate separatism, they represent a great opportunity for the nationalists. Dick Cole, spokesman for the Mebyon Kernow (Sons of Cornwall) Party, said: "This is a very important year for us. We have got to go for it." Mebyon Kernow's candidate for South East Cornwall is Paul Dunbar, 49, a vinevard-owner from Liskeard.

West of the Tamar, the beat of the nationalist drum can be heard again, writes lan Burrell

Already canvassing for votes, he is angry at the drain of local workers across the River Tamar Cornwall collapsed. It has takto "England".

"What we need in South East Cornwall is the emphasis on indigenous enterprise and reducing the necessity for people to commute to Plymouth, it's over



Paul Dunbar: 'Our agenda is set in Comwall for Comwall'

the border, it's big enough already and it doesn't do us any good," he said.

Alan M Kent, who is among a new breed of young Cornish novelists and poets, said: "The new literature is looking at the real Comwall not the Comwall of Ross Poldark and historical romance or the Cornwall of Arthurian legend. It's a rebirth after 100 years of stagnation. A first history of the county from the Cornish," he said.

University in Penzance. Increasing numbers of local

en 100 years for it to reclaim its identity again. "Cornish nationalism has be-Cornish as an officially-recogcome more sophisticated and organised, looking to promote nised living language and last month the Commission for the Cornish as an indigenous

Rob Burton, a lecturer at the University of Exeter, has carried out research comparing the ish situation with the national identities which have emerged in the former Yugoslavia. He said: "What has been interesting is the resurgence of Comish identity among young people. Cornish youth has adopted surfing as its national sport, with participants decorating their boards with Celtic symbols, and the yellow Cornish tartan has become fashionable as a mini-skirt.

British ethnic group who should

have the same status afforded to

the Welsh and Scots."

Many first-time voters were born during the 1970s when an earlier revival in Celtic identity, led to many youngsters being brought up to speak Cornish. The cultural revival has also been stirred by interest from the migrant communities of the Cornish diaspora who left after the collapse of the mining industry to start new lives in America, Australia and Mexico. Amy Haie, an American re-

searcher who is carrying out a study of the revival in Cornish culture for the University of California Los Angeles, said: "This is a really exciting place to be right now. There is a world climate which is allowing what is happening here to be taken

much more seriously." Philip Payton, of the Institute of Cornish Studies at the University of Exeter, who last month published Comwall, the moting the English nation than

a Cornish perspective to be written in a generation, said there were plans for a Cornwall

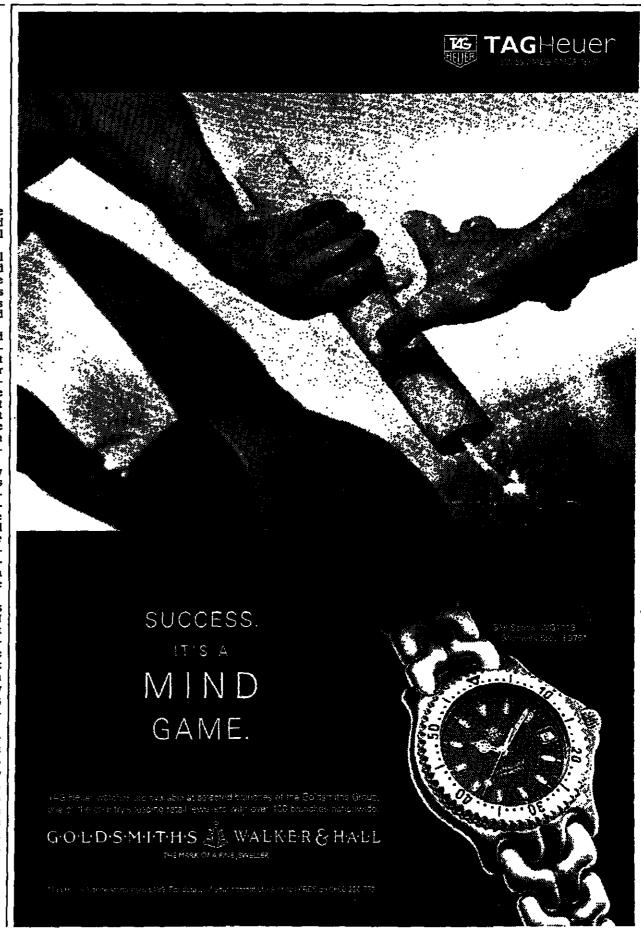
cars have stickers with the word 'Kernow" and throughout the region, English Heritage signs at sites of Celtic monuments have been vandalised and dubbed "Cornish Heritage". The EC has now designated

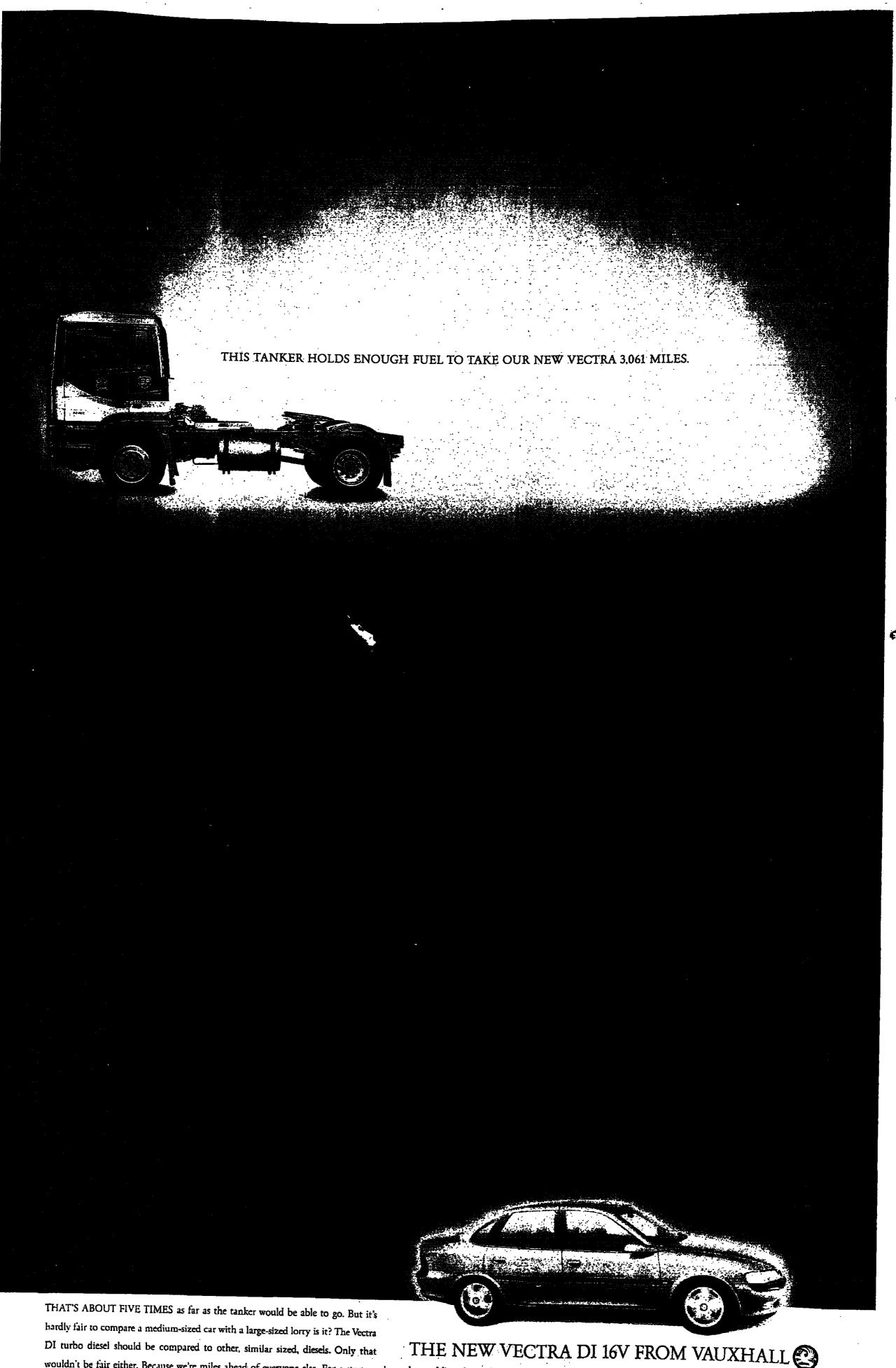
Racial Equality formally recognised the separate identity of the Cornish people for the first time. The acknowledgement could form the basis for future claims against discrimination by English employers or insti-The ancient Cornish Stannary Parliament, based in Truro, has

applied to the National Statistics Office demanding that respondents to the 2001 Census be allowed to describe their racial status as "Cornish". There are nearly half a million people liv-ing in Cornwall, of which rough-ly half were born Cornish though many newcomers have also embraced the culture.

The Stannary Parliament was set up by charter by Henry VII in 1508 and maintains the right to veto English legislation. In reality, the parliament has little power and in turn believes that Comwall County Council, which is responsible for the day to day running of the region, does nothing more than pay lip service to London. Senior members of the par-

liament are furious with Prince Charles for his perceived bias towards the English in the Duchy of Conswall. They are especially angered by his decision to al-low English Heritage to take care of Tintagel Castle, which is believed to be the ancient seat of King Arthur's court Colin Murley, one of the Cornish parliament's Stannators, is no Royalist. "Prince Charles is obviously more interested in pro-



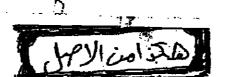


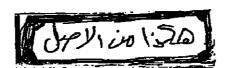
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# Art student picks up a small fortune

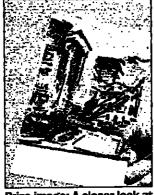
£30 for a postcard? Yes, but one of these might be worth £4,000

David Lister Arts News Editor

An art student, Perie Kemal-Orek, 27, hit the jackpot at the Royal College of Art's charity sale of unsigned postcard-sized

paintings.
She paid £30 for what turned out to be the most valuable work among the 1,600 on display - an acrylic cityscape by Frank Auerbach, estimated to be worth £4,000.

It was not a lucky guess, Ms Kemal-Orek said yesterday when the names of the artists were revealed by the Royal College. "A friend of mine bought an Auerbach last year, and I



Prize image: A closer look at

īlar in style. As soon as I saw it I knew it was him. But there was an element of risk. There are a

lot of pastiches around." Ms Kemal-Orek has applied to study at the RCA, having completed a fine art degree course at Birmingham. The RCA exhibition - at which all the postcard-sized works, signed only on the reverse, were on sale for £30 - proved trebly fortunate for her. As well as the Auerbach she bought a work by the abstract painter Albert Irvin, whose style she also recognised, and which is estimated to be worth £500. She also exhibited a still life herself, which got her £30 of her £60 ex-

penditure back. "The two I bought have turned out to be worth a lot," she said, "but I won't sell them unless I fall on very hard times. I want to start my own collec-

tion, like Degas.".

The exhibition and sale of works, entitled "Absolut Se-cret", raised £40,000 for the students' hardship fund at the Royal College of Art. The spon-sor, Absolut Vodka, is giving an extra £5,000.

Many of the 600 exhibitors were students but more half were well known artists, including Eduardo Paolozzi, Paula Rego,

# GPs' spending on private care for patients soars

Fran Abrams Political Correspondent

Family doctors are spending fourteen times as much money on private health care for their patients as they were four years ago, a health minister has revealed.

The figures, given in response to questions from a Labour MP, show that fundholding general practitioners spent £52.5 million in the pri-vate sector in 1994-5. In 1991-

2, they spent just £3.7 million. Kevin Hughes, a Labour whip and member for Doncaster North, says that in his own constituency GPs spent more than £500,000 outside the NHS, while the local hospital had to close wards because of the loss of income it had suf-

Fundholding GPs, who now make up more than half of the total number, receive their budgets from their local health authorities but are able to spend them where they

Mr Hughes said that private GP fund-holders are charged providers were often able to of-fer cheaper services because sible care whether this be NHS they only took on routine cas- or other providers," she said.

es while NHS hospitals had to offer expensive emergency and long-term care. "The government is slowly but surely privatising the health service. Whilst they are saying they are not doing this, more and more money is being spent in the pri-

vate sector The British Medical Association says that most of the money spent in this way is used for fertility services, abortions and hospices. Fundholders also use their extra freedom to "bulk buy" anything from knee operations to care for the ter-

minally ill, and are able to save money by doing so.
A spokesman for the Association added that many doctors were using private health services because they were obhelped to keep waiting lists

A spokeswoman for the Department of Health, said some of the money could be being spent with charitable organi-

"Both health authorities and

#### DAILY POEM

#### Voice

By Liu Hongbin (translated by Elaine Feinstein)

As soon as we leave the tunnel of our birth. even before our bodies are cleaned of blood we all cry out, and those sharp cries are the first signs of our talent for speech. Later, we escape in many directions, and our voices are lamps of fire in the rain, which fly up

are lamps of their own light looking for their own light as flocks of hirds rush through the trees or hirdsong falls along forest paths. That is how our voices mingle with air Who can forbid something so natural?

World, we must have a talk about this. We don't need any language to do it. Nature's a womb not a refrigerator, Our voices which are spacious as the sky, must not be frozen in us or we die.

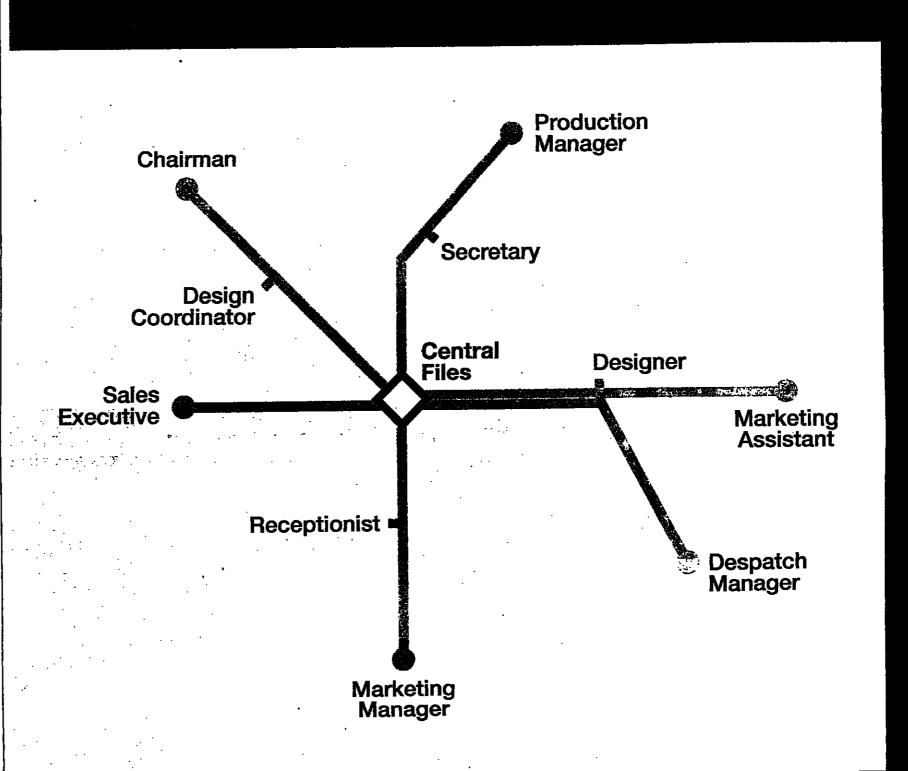
The tongue is an unruly organ, writes Lin Honghin. There is an old Chinese saying: "Trouble comes out of the mouth." The etymology of the word "prison" in Chinese stems from the concept of curtailing free speech. Prison is symbolised by two dogs guarding the mouth. China has been a prison for free speech for thousands of years, from the time of the first Emperor, Qin. who burned all books and buried scholars alive. In this century the Communists allowed only one voice - their own. To mark Human Rights Day tomorrow, Liu Hongbin reads with James Fenton at the City Church of St Michael, Cornmarket. Oxford at 8pm.

Maggi Hambling, Sir Denys Lasdun and Elizabeth Blackadder. Even for the cognoscenti there were traps. Purchasers who thought they recognised Peter Blake's style might have ended up with a work by another member of his family: his nineyear-old daughter Rose also

had an entry in the exhibition. Susie Allen, who curated the four-day exhibition, at which every work was sold, said: "It re-ally caught the public imagination. There were queues of over 200 at a time to buy the postcard-sized paintings and drawings. Because there were It was by a student."

They had to choose from the heart. And certainly they didn't all guess right. One person was had bought one by Anton Tapies, Spain's best living artist.

Not for sale: Perie Kemal-Ork with purchases, which she says will form part of the collection she is building up, "like Degas"



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# Ninth pensioner falls victim to food bug

Britain's worst outbreak of E. coli poisoning claimed a ninth victim yesterday, an elderly woman who had been released from hospital two days ago after treatment.

Forth Valley Health Board announced that the woman, who has not been named, died at the Bank View private nursing home in Banknock, Stirlingshire, where Arthur Nicol, 79, month and tests by environanother victim, died on Friday. A spokeswoman said: "The woman had been released well from Falkirk Royal Infirmary on

Sadly, she died earlier today." A shocked member of staff at the nursing home said: "We cannot say anything at the moment'

Poisoning broke out last

mental health officers suggested the shop of John Barr, in Wishaw, North Lanarkshire,

was the source of the infection. Friday after making a good re-covery from E. coli infection.

Strathchyde police and the Procurator Fiscal, the Scottish crown prosecutor, were called in to investigate the outbreak. amid claims that Mr Barr supplied cooked meats for an 18th birthday party after promising officials from North Lanarkshire

council that he would stop trading while inquiries were made. Health officials said there was

no longer a potential risk from the outlets supplied by Mr Barr, this year's Scottish butcher of the year, providing that no cooked meats or meat products remained on the premises and a thorough clean-up was carried out.

Lanarkshire Health Board and environmental health offi-

cers said they were "satisfied" said the condition of an elder-that the potential risk of the ly woman in Stobhill Hospital not carrying E. coli before the transmission of E. coli 0157 from having stocked Mr Barr's

products no longer exists".

The Scottish Centre for Infectious Diseases said yesterday that the total number of people in Scotland showing symptoms of E. coli 0157 was 386, with the number of confirmed cases

totalling 204. Forth Valley Health Board

was still "giving cause for con-cern" and Lanarkshire Health Board said doctors were also worried about the condition of

16 adults being treated at Monklands Hospital, Airdrie. Seven staff at Mr Barr's shop have also shown traces of E. coli in tests by environmental health

not carrying E. coli before the spread was first detected.

Previous outbreaks of Escherichia coli 0157, known in the United States as the hamburger bug, have shown that up to five per cent of those infected

can die. The situation has been made worse in Scotland because of the officers. It is understood that the number of older people who workers became infected since have been affected by the bug. meal provided by Mr Barr.

Elderly people are less able to fight the infection.

The death comes as details C emerge of research by scientists in Canada into a possible antidote to the poison. Clinical trials are expected to begin in Britain next year.

The first casualty of the Scottish outbreak was Harry Shaw, 80, one of a party of pensioners taken ill after a steak pie

# Home alcopop kit condemned

Glenda Cooper

A do-it-yourself alcopop kit that promises to turn any fizzy soft drink alcoholic could attract under-age drinkers should be banned, anti-alcohol cam-

paigners said yesterday. It is yet another controversy to hit the alcopops industry which has this year seen a 40 per cent increase in duty in the Budget after concerns that the cartoon-style labels, bright ∞lours and fruit flavours encouraged under-age drinking.

Earlier, the Advertising Standards Authority said advertisements for Bass's Hooper's Hooch should be removed because cartoon character on the label appealed to under-18s.

The new drink is called Splooch and is also being promoted with a cartoon-style la-

der. The instructions read: Your Splooch can be mixed with any drink ie lemonade, orangeade, blackcurrant, fruit juices, colas etc..."

Home brew kits are not covered by the licensing laws so Splooch, made by Continental Wine Experts in Norwich, can

sponsible extension" of the trend for making alcoholic products that appealed to un-der-18s and called for it to be removed from sale.

Nigel Griffiths, Labour's consumer affairs spokesman, said: "This product, which is freely available to teenagers and children, should be withdrawn."

Richard Danby, the makers' technical director, said the comments would be considered but bel. It costs £4.99 from home added: We are certainly not brew shops or through mail or-

#### Poor nations losing out in trade deals

ing out in the new trade order author, said: "There is no leval author, said: "There is no leval today's international summit of trade leaders in Singapore should address the problem, says the charity Christian Aid, writes Louise Jury.

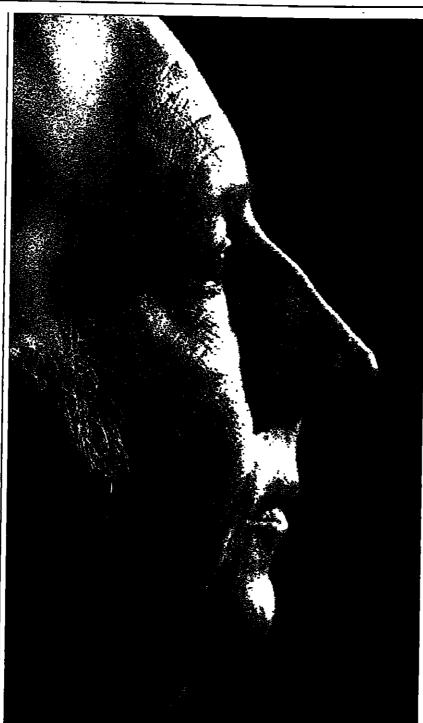
Ministers from 150 countries belonging to the World Trade Organisation (WTO), which succeeded the General Agreement on Tariffs and Trade (Gatt), are to discuss cutting tariffs and reducing protection.

But in a report published to-day, The Lands that Trade Forgot, Christian Aid argues that the opening up of markets has helped only the richer countries. consolidating existing deals.

The poorest countries are los- Peter Madden, the report's cotrade. Christian Aid believes there must be action to support poor countries if they are to become independent members of

the global economic family." The 48 poorest countries have 12 per cent of the world's population but only 0.4 per cent of global trade.

Ian Lang, President of the Board of Trade, who is leading the British delegation, said the Government wants greater freeing up of trade, although business leaders have argued for



Dream ticket: Arthur Scargill, head of Socialist Labour, and candidate Ken Capstick pledge to open six new mines

Photograph: Edward Webb

# The old King Coal vies with New Labour to win a miners' legacy

The landscape has an eerie emptiness now the colliery buildings have disappeared and the slag heaps are

grassed over, airbrushed out of the picture like victims of a purge. On the surface, at least, the Labour Party by-election campaign in Barnsley East is the first not to be coal-fired. Virtually every local issue has its roots in digging coal, but not its solution: all the local pits have been closed.

In the absence of special interests, only the turnout and share of the vote could embarrass Labour. The contest caused by the death of Terry Patchett will formally end John Major's Commons majority on Thursday, whatever whim may take dissident Tory backbenchers.

For Labour, there could be an added fillip. Twice in nine months, an overwhelmingly Labour electorate will have dispelled nagging doubts among activists about the S-word – socialism. The party can also see an encouraging profusion of its posters across the constituency and there is little oral evidence that former mining townships feel neglected in the party's pursuit of

more-affluent Southern voters. People have moved on since the 1984-85 miners' strike and come to terms with the pit closures of the early 1990s, according to Jeff Ennis, a 44-year-old miner's son, Sheffield teacher, Barusley council leader, and Labour candidate.

'We're looking forward now. There are many positive things about the strength of mining communities that we can put to use to repair the alienation and exclusion people feel because of the way the Tories treated the coal industry," Mr Ennis said.

The Barnsley East by-election will bury a troubled past, writes
Jonathan Foster

He can cite partnerships forged throughout the Dearne Valley between private and public sectors, road and factory building, measures

with at least the potential to reduce

unemployment. In mining towns like Grimesthorpe, Goldthorpe

and Cudworth, it can reach 80 per cent. Across the constituency, it remains double the national average. "In many respects New Labour-was invented in Barnsley," Mr En-

nis said. "We are one community." Ken Capstick could cheer for the 'one community" slogan, but go further. A former miner and Yorkshire Miners' Union official, his has for years been the emollient voice interpreting Arthur Scargill's socialism for the delicate. Mr Capstick resigned from the Labour Party in April, disgusted by the prospect of the Tory defector, Alan Howarth,

Labour seat. Now he is fighting a safe Labour seat for Socialist Labour, the creation of Mr Scargill and the most plausible hard-left party to have sought electoral support since the war. It flourishes on grievance, and Mr Capstick has personal as well as political scores to settle with

being "shoe-horned" into a safe

New Labour. In 1991, he was the choice as canHemsworth. But Mr Capstick's candidature was vetoed by party bosses in London. There are many South Yorkshire Labour MPs supporting Mr Ennis vigorously who still feel Mr Capstick was badly treated and could have made a decent MP.

A similar purge of the Hemsworth candidates' shortlist was repeated this year, prompting Socialist Labour's election debut. The candidate won 1.193 votes, enough to save her deposit, but not

frighten Labour badly.
Mr Capstick was still loyal to Labour then, but felt imprisoned in a party moving to the right. "I feel liberated now, able to speak freely about the socialism I believe in," Mr Capstick said.

He and Mr Scargill have promised to open six new mines in the area, renationalise privatised industries, and double pensions. Unemployment will be ended by a four-day week, a ban on all non-essential overtime, and voluntary retirement on full pay at 55.

There are now "thousands" of individual members and affiliated organisations signed up to Socialist Labour, Mr Capstick says.

He would be delighted with 10 per cent of the vote, and says he has been encouraged by his reception. But the party does not appear to have struck a completely sympathetic chord in Barnsley East. "Arthur," as Mr Scargill is known, may have roused a powerful sense of loyalty to the union and the community but it is not a political dynamic transferred easily to a new party or captured in a manifesto, even less when that didate of a large majority of Labour manifesto appears realistic only in members in neighbouring members in neighbouring manifesto appears realistic only in Mr Scargill's dreams.

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Synthetic crop imported into UK without licence

# Genetically altered maize is already in Britain

Nicholas Schoon **Environment Correspondent** 

Genetically engineered maize from the United States is already in Britain even though it has received no EU licence, one of the country's largest grain and feed importers has told The In-

dependent.

Maize gluten made from the US crop will be fed to farm animals. The importer, Cargills, which has also just taken delivery of the first harvest of genetically engineered soya beans from the USA, says marketing of maize in this form is legal because it has been processed.

The European Commission still has to decide whether to allow the sale and the sowing of the maize inside the EU, two years after the firm which developed it first applied for permission. Today, environment ministers from the 15 member states, including John Gummer, will be briefed on the is-

sue when they meet in Brussels. The maize affair, unveiled by The Independent last week, has revealed loopholes in EU law covering genetically modified organisms (GMOs). For while the application for the new synthetic maize has run into severe delays, it has already be-gun to arrive in Europe from the USA where it has been approved, grown and harvested. No move has been made to prevent this happening – by Britain or any other member state.

The crop, made by Swiss pharmaceuticals and chemicals giant CIBA, has also been approved in Canada and Japan. It contains a gene from a bacterium which gives resistance to an antibiotic, ampicillin.

It also contains genes from two other bacteria. One makes the plant resistant to a weed killer and the other allows the maize to poison the corn borer, a destructive caterpillar which is difficult to kill with pesticides because it feeds deep in- in gut bacteria due to the over- make a decision. side maize plants.

The fear, first raised by British experts, was that the antibiotic resistance gene could find its way from maize which had been eaten into one of the

e maize cells grow into seedlings and young plants. These are tradition with weed latter and only those plants which have the plasmid fand, retore the weed killer restistance gene) survive. These grow into adult oduce cobs and the seeds all contain the plasmid when they grow into latter plants, so will their seeds in turn - and so on down the generation.

#### Manufacturers not obliged to label modified processed food

Within a year, a huge variety of foods and drinks on Britain's supermarket shelves will have ingredients made from genetically ngineered plants inside them. But a forthcoming European Union law on compulsory labelling of foods derived from "genetically modified organisms", or GMOs, will make very little difference, ac-

cording to the British government. The majority of them will still not have to be labelled. Britain's interpretation is that under the proposed "novel food regulation" only living GMOs in food products will have to be labelled. Thus a vegetable which had genes from a bac-

terium inserted into it, or a yogurt in which the culture is live, would have to be declared to consumers on the packaging. But products which had been ssed so that the GMO was diled and its genetic material damaged would need no tabel, aid a spokeswoman for the

Ministry of Agriculture. Such products are about to: biggest food exporter, begun growing GMO versions of two

staple foods, maize and soya beans, this summer. Oils, flour and other extracts from these two crops are used in a huge variety of food and drink.

While the proportion of the total crop was small, it is likely to rise rapidly in future harvests. Furthermore, the GMO product is being mixed freely with the conventional kind soon after harvest and before export and processing. Thus the entire export crop has some, albeit small, GMO content - and so do all the foods made from it.

This poses a problem for British supermarket challes whose approach had been to voluntarily label food and drink items which have some genetic eng-neering content. They are now not expected to label all the products with some GMO content.

Most scientists believe processed and raw GMO products will be safe. But some peopie are uneasy about consuming food and drink from plants and animals which could have have become commonplace because : evolved naturally or been bred the United States, the world's by conventional methods.

Nicholas Schoon

many types of bacteria living in the intestines of farm animals and humans. If a harmful strain of that bacteria then arose it could not be treated with ampi-

One source in the Department of the Environment said leaving the ampicillin resistance gene in the end product was "sloppy genetic engineer-ing". While it was required to develop the new maize (see graphic) it could have been removed later on.

But CIBA says ampicillin resistance is already widespread use of this antibiotic. Furtherthe resistance problem.

marketing and growing of the new maize in Europe came from France. The EU directive which covers genetic engineering allows one country to scrutinise an application to market a new GMO then approve it on behalf of all the other member states - provided none object.

But on this occasion some

did, so the matter went to a vote. That failed to secure the necessary majority for the maize to be imported. The decision was them referred to the environment ministers from the 15 states, but they too failed to

So the European Commismore, scientists have found a sion asked three EU expert committees covering pesticides, drugs to make them overcome animal feeds and human food

CIBA'S UNNATURAL MAIZE A new kind of maize has been genetically engineered by the Swiss drugs and chemicals glant CIBA so that it poisons a major pest - the com borer.

or two. While all this was going on the giant US maize crop the world's largest - was being harvested and collected. CIBA's new maize had also been grown there for the first time this summer and comprised a little less than one per cent of the crop. Both conventional maize and the genetically modified kind were mixed together and it is now impossible to separate

The first of the crop to reach Britain and Furone a few weeks ago was processed maize gluten. The importers and the UK Government say the European directive does not cover this material, because heating and mashing has effectively destroyed the genes within it.

The European Commission has written to member states saying it understands thousands of tonnes of US maize have been arriving at major Euro-pean ports including Rotterdam, Lisbon and Barcelona each week since the beginning of October.

It calls on them "to organise inspections and other control measures" to ensure the directive is complied with - which means no sale or release of the new maize inside Europe

Last month the EU Envi-ronment Commissioner, Ritt Bjerregaard, declared: "It will not be possible to import ... genetically modified maize in accordance with the directive until the Commission has taken a decision."

But Britain has not taken any steps to prevent imports. A Department of the Environment spokesman warned of the dangers of a trade war and said: "The only way this could have been done was through concerted European action. If the three scientific

committees and then the commission give approval, large quantities of the new maize are expected to be grown in France and southern Europe where the comborer is a real problem for farmers. It will then be imported into Britain, for use in a wide variety of human food e resistance problem. safety, for their views. Those are and drink and animal feed The proposal to allow the not expected for another week stuffs.



Resting: Ginny Holder, who plays Snow Drop, taking a break during a performance of Beauty and the Beast at the Theatre Royal, Stratford East, London Photograph: Laurie Lewis

# Countryside is starting to look like theme park'

Stephen Goodwin Heritage Correspondent

A proliferation of show-farms. garden centres and heritage sites is threatening to turn the countryside into a "Merrie England theme park", according to the Council for the Protection of Rural England.

In a report, The Chattered Countryside, to be published to-day, the conservation charity warns of the cumulative and suburbanising effect of changes, from white-on-brown tourist signs to golf courses.

Tourism is a rough and demanding lover," observes the council. But equally damaging to the landscape is the rash of telecommunication masts put up by mobile phone companies, and the garish fascias of petrol

Only last week. John Gummer, the Secretary of State for the Environment, spoke out against a neat, "homogeneous world" in which diversity was ironed out by commerce. Some of Mr Gummer's dislikes, such as out-of-town shopping centres



Jonathan Dimbleby: Get rid of

charity's regulatory

prescription. At today's launch of the report, broadcaster Jonathan Dimbleby, the council's president, will stress the value of a countryside free of the "unnecessary paraphernalia" of mod-ern society. "Reclaiming the countryside from the tide of clut-ter would be good for business

as well as the environment." The report starts from the premise that ugliness, like as an advertising hoarding, a glass phone box or a signpost throttles the countryside by stealth.

Though the council insists that protecting the countryside is not reactionary, it recommendations would require a hefty tranche of legislation. High priority is given to curbing "brown signs" disease.

Originally the signs were restricted to tourist attractions with more than 20,000 visitors a year. Now they are available to almost anyone willing to meet the cost. To Mr Gummer's department, however, it is a case of "balancing safeguards for the countryside against economic

The council wants the signs made subject to the same controls as advertising and a limit set on the number of businesses qualifying. It also recommends tightening planning controls on caravan sites, "land-hungry" leisure developments such as golf courses, farm buildings and telecommunications masts.

Masts are regarded by conservationists as the most serious current threat to the skyline. Those less than 15 metres high are effectively free of planning controls - approval can be re-fused within 28 days if there is a "serious threat to amenity" - and councils have been instructed to "respond positively" to applica-

tions to erect taller ones. New masts should be a last resort and mobile phone companies should share, rather than duplicate, equipment says the council. If England is to retain a landscape worthy of the name, it cannot afford "an uncontrolled weedgrowth of ironmongery" on the hills.

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# international

# Milosevic thwarts opposition as court annuls poll victories

Serbia's Socialist authorities dashed hopes of a compromise in the nation's growing political crisis yesterday when the Su-preme Court rejected an opposition appeal against official rigging of election results.

Within hours of the court's ruling, thousands of students and other anti-government protesters were marching in central Belgrade and the opposition Za-jedno (Together) coalition vowed to prolong the three-week-President Slobodan Milosevic lost power.

Opposition leaders were clearly taken aback by the court's decision, which followed several signals from the authorities last week that they wanted to take the heat out of the crisis. Vuk Draskovic, one of Zajedno's three main leaders, said he feared Mr Milosevic was trying to goad the opposi-tion into abandoning its peaceful methods of protest.

"I am expecting that tomorrow, the day after tomorrow, sometime soon, Milosevic will use police, maybe even the army, but we will not stop," he said. "He can arrest all of us, all of Serbia, but the only person in prison will be himself

However, an opposition po-litical adviser, Milan Bozic, said Mr Milosevic was more likely to try to grind down the opposition without force. "Maybe he will try to make General Winter do his work," he said. By rejecting opposition de-

mands that their victory in last month's municipal elections in Belgrade should be upheld, Mr Milosevic seems certain to incur still more criticism from Western governments, Having reacted cautiously when the street protests broke out, the United States and the European Union have gradually toughened their stance.

They say the verdict of the electorate in Belgrade and 14



Unstoppable force: Zoran Djidjic, opposition victor in Belgrade's municipal elections, greeting demonstrators in the city this

position defeated the ruling Socialists must be respected if Serbia wants to return to international respectability. In particular, the EU will continue to deny Serbia preferential trade terms, and Mr Milosevic will not have access to international credits, essential to hauling Serbia out of its economic mess.

Although nothing is certain

ject to official whim, the Supreme Court's decision seemed to wipe out the prospect that Mr Milosevic might eventually acknowledge the opposition's electoral victory in Belgrade. The court decided that in five out of 46 electoral seats under been justifiably annulled.

Lawyers for the opposition

the same ruling would apply to the other 41 seats. However, even the loss of five seats would be enough to deprive the opposition of an overall majority in the 110-seat city council, since the total number of seats under its control would fall from 60 to 55.

The court's ruling bore all the hallmarks of a classic Milosevic ploy designed to confuse his op-

ponents. For the court dangled the prospect before the opposition of having exactly half the seats in Belgrade's city council and thereby acquiring just a taste of political power for the first time in Serbia since 1945.

At the same time, by switching the focus of the crisis to the obscure legal processes of the Supreme Court, Mr Milosevic has tried to divert attention

from the central issue: whether he should remain in power. The opposition had hoped

that, by winning recognition of its municipal election victories. it could build a platform for challenging Mr Milosevic in national polls next year. However, the court's ruling suggests the president will never let the opposition come to power through the ballot box.

# A Basque daughter dedicated to forgiveness

Elizabeth Nash

On 26 March 1982, Cristina Cuesta, then 19, received a telephone call at home in the Basque city of San Sebastian to say that her father, Enrique, regional manager of the state telephone company, had been shot by an Eta hit squad as he was walking home for lunch. The separatists suspected him of tapping phones under police instructions and had killed his predecessor the year before for the same reason.

Cristina accompanied her father to hospital where he died. The horror transformed this middle-class, unpolitical Basque teenager into a campaigner who has persuaded tens of thousands to overcome their fear of Eta violence. She pioneered a pacifist movement that demonstrates silently against Eta gunmen several times a week throughout the Basque country. Last week she was nominated for the EU's

Women of Europe prize.

After Enrique's death, Cristinas's mother had a nervous breakdown. Her sister Irene was only 14. Cristina abandoned journalism studies and took a job at Telefonica herself to support the family. Fellow Basques killed my father supposedly to improve the conditions of other Basques, and

#### LOCAL HEROES

had made us victims," she says This thought obsessed me. She talks with an intensity lightened by humour, showing no trace of the hatred she says dogged her for years. "Every time they announced the death or torture of an Eta member. I rejoiced. I couldn't forget. My friends found me impossible But one day I decided I didn't

want to keep on hating." The turning point was the disappearance of an Eta suspect, Mikel Zabalza, detained in 1985 by the Civil Guard and lat-er found face down in a river. "Statements by Mr Zabalza's mother affected me deeply. We were on opposite sides of the trenches, but I realised her grief was the same as mine and

for the same reason. Cristina resolved to seek reconciliation, and to encourage victims of violence to become more active. "At that time ordinary people kept quiet about what was happening. Every-body was afraid of reprisals. You might have an Eta sympathis-er living next door."

In 1986, now 24, Cristina attended a conference on the media and violence and, trem-



bling, appealed to fellow victims, including Mr Zabalza's mother, to join her in a process of pardon and reconciliation.

Within two months, she re-ceived 3,000 letters of support and organised a meeting of those who had suffered on both sides of the Basque conflict.

"People began to gather together and overcome their fear, and these were the seeds of today's peace movement." Cristina devotes her life to the campaign, but still works at Telefonica. Her team offers support and professional help for "people threatened by Eta or beaten up by the police", and tries to promore its message in schools. But it is difficult because the teachers are divided and pro-Eta

youth groups are well organised." Radical young Eta sympa-thisers hurl stones and insults at

the peace demonstrators, who wear a blue ribbon and assemble with increasing confidence in San Sebastian and other Basque cities, calling for the freedom for Jose Maria Ortega Lara, a prison officer kid-napped in January, and Cosme Delclaux, a local busi-

nessman seized last month for not paying "revolutionary tax".
"An indirect confrontation constantly floats in the atmosphere, but many Basques are no longer prepared to accept in silence that Eta kidnaps people in their name." Cristina says.

What about her personal life? Her face collapses with laughter. "I fell in love with the son of my father's predecessor who was assassinated, and we've been together seven years. Inaki and I haven't had time for children yet. But we will."

# French no friends of flexibilité

Mary Dejevsky

Speaking in Nice last week, the former Prime Minister Edouard Balladur did something that no French politician with even one eye on power would be advised to do. He called in direct and unapologetic terms for greater flex-

ibility in employment policy.

He said there should be simpler labour legislation, more and longer temporary contracts and a reduction in the sick-pay and other social obligations on small companies. He even sug-gested pilot projects in selected regions. It was a choice, he said, between "reform or decline".

Even four weeks ago, such seninnents were taboo. Then, the Prime Minister, Alain Juppé, had only to hint that he might be considering a softening of employment protection legislation to prompt headlines like Juppe's charter for sacking" and an immediate denial from his office that there was "any plan to make sacking easier"

In the weeks that have fol-lowed, however, flexibility has become a buzzword heard not just from predictable quarters such as the "Thatcherite" right of Alain Madelin, but increasingly from of-ficials and even the occasional minister. Like it or not – and the French public do not like it at all - "flexibility" is insinuating itself on to the political agenda. The government may have

capitulated to the lorry drivers and it may have performed a spectacularly retrogressive U-

turn on the privatisation of the Thomson group, but it is talking more and more about job "flexibility" as a way of reducing the 12.6 per cent unemployment rate. It is as though the government is trying, by constant lowkey bombardment with the word,

RACKING

to soften up public opinion.

"Flexibility" was used repeatedly in a television discussion programme this week by Mr Balladur's former spokesman and budget minister Nicolas Sarkozy, who is tipped to regain a ministry in the next cabinet reshuffle. Why not extend the possibility of temporary contracts beyond the present 18 months? he asked. At present such a contract has either to be made permanent or terminated

after that time. The left-leaning trade unions have taken a very dim view of the intrusion of "flexibility" into ministerial pronouncements. The Socialist Party has also voiced objections to any modification to labour laws "towards greater flexibility in dismissals". Part of the old-style Gaullist right also dislikes the new vocabulary and what they see as the American and British-style hiring and firing mentality that goes with it. In a clear dig at "reformers" like Mr Juppé, the former Interior Minister Charles Pasqua told Gaullists last weekend that he was "not ready to exchange the slogan of the French Republicliberte, egalité, fraternité – for something supposedly more modern like stabilité, competitiv-

# Italy prays Di Pietro is cleared

Andrew Gumbel

Last night they were saying a mass for Antonio Di Pietro in his home town of Montenero di Bisaccia in the mountains of central Italy. At his present residence of Curno, near Milan, a group of supporters staged a silent march to show their solidarity for a national hero in his

hour of need. Italy has spent the weekend in a state of shock after Mr Di Pietro, star of the anti-

toppled the old political order because of the growing judicial four years ago, had all his homes and offices searched by police who believe he may have been corrupted by the very politicians and businessmen be once prosecuted.

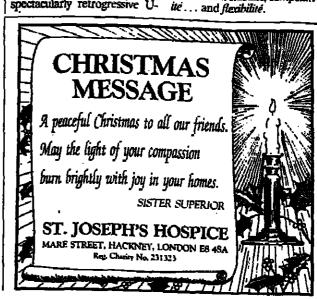
The affair, which has seethed ever since Mr Di Pietro unexpectedly resigned from the magistrature two years ago, has blown up into a national controversy over the past few months, as Mr Di Pietro first joined the present government Pietro, star of the anti- as public works minister, corruption investigations that and then resigned last month

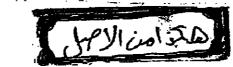
case against him. Yesterday, Mr Di Pietro broke a 48-hour silence to lambast his enemies for mounting "squalid vendetta" against him. According to judicial sources, the suspicion which prompted Friday's police raids is that he accepted money from a key witness in the anticorruption investigations, a Swiss-based banker called Pierfrancesco Pacini Battaglia who was questioned for 11 hours in

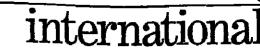
Mr Pacini Battaglia has re-

cently returned to the attention of the magistrature, this time as a key player in a new corruption scandal involving the state railway company and a prominent arms manufacturer, and is at present under house arrest following a lengthy period in prevenuve custody.

Mr Di Pietro said yesterday he could disprove the charges against him, but the affair has gone beyond a simple matter of ascertaining the truth and evolved into a full-blown power struggle pitting rival forces in politics and the judiciary.







# Miami's image blown away by cash scandals

Phil Davison

It was Miami Vice come true. But the bad guys were not Colombian drug dealers. They were the the men running the Florida city. Now, it might become known as

This may be the pearl of the American South-east and the unofficial capital of Latin America, home to such stars as Madoma and Stallone, but the city is on the verge of bankruptcy after years of corruption. There is even a serious and growing move to wipe it from the map. And all of this in its centennial

The governor of Florida, Lawton Chiles, last week de-clared "a state of financial emergency" in the city because of a \$68m (£41m) budget shortfall, and said the state of Florida would supervise the city's finances. Experts say that by next March there will be no money left in the kitty to pay city employees. "The city of Miami is facing a crisis of monumental proportions," said Mayor Joe Carollo.

On the orders of Governor Chiles, a five-member financial emergency board from the state of Florida will today begin trying to sort out the mess, largely the result of a string of corrupt

city governments.

The crisis was uncovered in September after an FBI "sting" led to charges against three se-nior officials, including the city manager Cesar Odio, a leading member of the Cuban-American community, for extorting sevenfigure kick-backs. An emergency audit then showed that successive city governments had been cooking the books.

The emergency stunned Miami residents, still reeling from a series of crises. First there was Hurricane Andrew, in 1992, then came the tourist murders by gangs who preyed on foreigners who got lost coming out of the airport in rented cars.

Earlier this month, the city even lost many of its beaches

when a freak storm eroded the sand. "With the latest emergency we're going to get a lot of neg-ative publicity, and what's going to come out is that Miami is a banana republic, a city that can't govern itself," said Milan Dluhy of Florida International University. "The image is that no one is in charge and that they're

corrupt."
Only this summer, the authorities were describing Miami as the city of the future, billing it as "the new Hollywood" after a spate of films was shot here. The place was booming, they said. So what went wrong?

Well, trouble had been brewing for years. Revenue projec-

With the latest emergency, we're going to get negative publicity... what's going to come out is that Miami

is a banana

republic'

ing service fees so as not to lose

votes. Every year, the city played

a "shell game" with its budget.

ance the books from the year

It was on 30 August this year

finance director, Manohar

If Miami falls apart, the rich-poor divide would undoubtedly widen. Even before last week's emergency, a group of residents had organised a petition to tions were exaggerated. Bond abolish Miami as an entity, issues meant for pension and insurance schemes were actually describing it as unviable. used for daily operating ex-penses. Politicians avoided rais-

than menial jobs.

missioners, Miller Dawkins.

They hope to force a referendum next year. The idea would be to incorporate the city into the surrounding Dade

moving money from one fund to The likely outcome? Wealthier districts such as Coral Gables Money would be borrowed afand Coconut Grove would break ter the end of a fiscal year to baloff on their own - Miami Beach, with its bustling art deco district and glitzy condominiums, is already a separate municipality leaving the poor areas, like Lit-tle Haiti, Liberty City and Overthat the lid came off. The city's Surana, abruptly resigned, spark-ing rumours of a scandal in the crime-ridden Third World-style



All white on the night: A Ukraine model wears a creation by the Kiev designer Rusha Polyakova during a show for a one-week alternative Photograph: Gleb Garanish/Reuters

# Great protester of Singapore refuses to quit

Thirty years after first being arrested, the island state's most durable critic is not giving in, writes Stephen Vines

to what he regards as purgatory. Re-leased in 1989 after almost 23 years in prison, having been neither charged nor tried, he became part of what looked like a macabre joke with subsequent confinement to Sentosa Island, a Disney-style tourist centre.

Four years ago he was allowed to leave and live on the mainland with his elderly parents. Now, some 30 years af-ter being arrested under the Britishdevised Internal Security Act, the restrictions on Mr Chia's movements keep

At the end of last month he was issued with a new restrictions order, lifting some restrictions but retaining all curbs on participation in political or community activities.

A painfully thin, soft spoken 55-year-old with bad eyesight, Chia Thye Poh does not give the impression of being a serious threat to national security. Asked whether it is true that he is one of the longest-serving political prisoners, he says, "I was only in jail for 23 years". There is not a hint of irony in the use of the word "only".

Although tiny, Singapore seems to breed some very tough characters. The politics of the island state have been dominated by the tough and unflinching Lee Kwan Yew, who devised a system of iron rule with little space for opposition.

Yet the opposition has not been snuffed out because there are some equally tough people on the other side of the fence. None more so than Mr

He could, at the stroke of a pen, end his restrictions, indeed he could have secured early release from jail or have accepted an offer to be granted asylum in Canada, but Mr Chia is made of sterner stuff. The government wants him to renounce the banned Communist Party's use of force and terrorism. He insists that as he has never been a party member and never advocated terrorism, he cannot renounce beliefs he has not held. "I wouldn't be able to live in peace. I cannot go against my conscience." he says.

It took the Singaporean government 18 years to give a reason for Mr

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The Singaporean activist Chia Thye Poh, one of the world's longest-serving political prisoners, has moved from jail instructed by the Communist Party to infiltrate the Barisan Sosialis Party to ferment illegal demonstrations and strikes to destabilise the government.

Mr Chia gives a different version of events, saying that far from joining the Communist Party, he joined the legal Barisan Sosialis, became a member of parliament and resigned after the ruling People's Action Party decided to pull out of the federation with Malaysia.

His captors used to taunt him by taking him out on car drives to show how the country was developing while he remained incarcerated. Just sign this little piece of paper, they said, and you can be part of these exciting new de-velopments. But Mr Chia remained unmoved.

His situation was, in many ways, a stand-off. He refused to sign the paper and the government said he could therefore expect to rot in jail for ever-They might have realised that he would be a tough nut to crack. Solitary confinement in a darkened room, confinement in an oven-like cell, two hunger strikes and a bout of forced feeding did nothing to shake him.

Mr Chia now inhabits a Kafka-esque world. When living in Sentosa he was forced to live in a one-room former guard house and told he had to pay rent for it. As he had no money he was offered a job as an assistant curator, but discovered that this was a civil service post, meaning he would need to obtain the permission of his boss before speaking to the media.

So he declined and worked as a freelance translator. Now that he is of an age when jobs are hard to come by, he is free to find a job with an employer of his choice. Similarly, now that he has practically no money, he is free to move out of his parents house and live where

His internal security minders urge him to get out and about more and see the many changes which have occurred in Singapore, but he asks them, "How do you expect a person without free-dom to have a mood for sightseeing?" Instead Mr Chia spends most of his

time in the anonymous Ang Mo Kio public housing estate, confident that he will eventually be vindicated.



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# Rebels threaten end to Mobutu era

**David Orr** Nairobi

Rebels in eastern Zaire are advancing rapidly into the heart of the central African rainforest. Already they hold a 350-mile long front parallel to the Rwandan border. Bunia, the last government-held town in the east, was reported to be surrounded yesterday. Zaire's Information Minister, Boguo Makeli, speaking in the capital Kinshasa, said fighting in Bunia had left 10 dead. Rebels also claim to have surrounded Kisangani, the largest town in eastern Zaire.

Having routed the Zairean army (FAZ) last month and established a. swathe of liberated territory in the east, they intend to overthrow the

Zamean President Mobum Sese Seko, months and short of food, are rewho remains in the south of France recovering from a cancer operation.

What might a couple of months ago have been dismissed as a localised

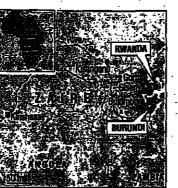
self-defence campaign has grown into a movement with strong national aspirations. As evidence of their seriousness, the rebels have named the area under their control Democratic Congo. The Zaire river which they have yet to reach - has

reverted to its earlier name, Congo. The word Zaire means nothing in any of our languages," said a rebel spokesman. "This is the Congo, this nation should be the Democratic Con-go. Soon we will liberate all of Zaire, and again we will be the Congo."
Zairean soldiers, unpaid for

treating further into the interior. Missionaries leaving the region report widespread looting and raping by the demoralised FAZ.

According to the rebel military commander. Andre Ngundu Kissasse, who was speaking in the eastern border town of Goma at the weekend, more than 300 Zairean government troops have defected to the rebel side.

Though they speak a number of different languages, the rebels have proved a cohesive fighting force. From an initial core of ethnic Zairean Tutsis, called Banyamulenge, they have formed a broad-based movement comprising guerrilla groups with roots in post-independence



nationalism, and disaffected tribes. Calling themselves the Congolese Liberation Army (CLA), they freedom-fighter, Laurent Kabila.

support and motivation. The most compelling circumstantial evidence hes in the significant number of English-speakers among the rebels; English is the lingua franca of the new order in Rwanda but not widely used in Francophone Zaire. Nevertheless, both the Rwandan government and the CLA continue to deny any links.

Also accused by Zaire of backing the rebels are the Tutsi-dominated regimes in Burundi and Uganda, whose army recently launched incursions into Zaire. The Zairean government charges Rwanda, Buestablish a "Tutsi empire" in central

The rebels have captured large stocks of FAZ weapons to add to the arms they bought from unpaid Zairean troops before launching their insurgency in September.

The rebels have appointed civilians to administrative posts in parts of the territory they hold and in the main eastern towns of Goma, Uvira and Bukavu, life is returning to normal, with businesses and markets

Mr Kabila says he intends to form a new government but has ruled out talks with ailing President Mobutu whom he views as a crook and a tyrant. Mr Kabila, who favours a free-

The Tutsi controlled government of neighbouring Rwanda is widely be-lieved to provide the insurgency's support and motivation. The most

The CLA claims to have already taken a number of mines, including the diamond mines around the town of Kindu and President Mobutu's personal gold mine near Bunia.

Whether the insurgents are strong enough to overcome the huge military and geographic obstacles before them remains to be seen. It is also unclear whether they can continue to count on popular support as they push further into Zaire's interior. The closer the rebels get to kinshasa, the greater will be their need for assistance from other opposition groups

# Netanyahu aide attacks 'anti-Zionist' columnist

Remark reveals Prime Minister's camp sees enemies everywhere, writes Patrick Cockburn

Jerusalem — Any doubts that the new government. A rootthe inner circle of Benjamin Netanyahu sees criticism of the Prime Minister as hostility to Israel itself, have been put to rest by the labelling of a leading American columnist by a senior aide as "anti-Zionist."

The row started when David Bar-Illan, head of political planning and public relations in the Prime Minister's office, was asked by a Jewish newspaper in the United States about an invitation to Tom Friedman, foreign policy columnist on the New York Times, to address the Anti-Defamation League in Los Angeles. Mr Friedman is a critic of the

Netanyahu government. "Friedman's whole history is that of an anti-Zionist," said Mr Bar-Illan, in words that he may have come to regret but not to withdraw. "Any organi-Zionist would not give him a

platform. Later, Mr Bar-Illan said his views were private and not those of the government, but his outburst confirmed suspicions that the men closest to Mr Netanvahu, like Richard Nixon's advisers, see themselves as surrounded by enemies.

Not that Mr Bar-Illan's denunciation of the studiously moderate Mr Friedman caused much surprise in Israel. A former concert pianist of pronounced right-wing views, he moved to Israel after 30 years in the US. As editor of the Jerusalem Post, the English-language daily, he wrote a weekly column which unmasked enemies of Israel in publications across the world. He showed particular detesta-

tion for the BBC A sign that Mr Netanyahu's approach to the world is equally ideological was his appointment of Mr Bar-Illan to be his spokesman and senior aide in and-branch opponent of the them implemented while he remains at the Prime Minister's

Abraham Forman, the director of the Anti-Defamation League, who is not used to being accused of sympathy for anti-Zionists, refusing to withdraw the invitation to Mr Friedman, asked if, like Nixon, Mr Bar-Illan was ready to be "issue an enemy's list".

Mr Netauyahu may privately share his adviser's views, but he also made his name as a diplomat in the US in 1980s by cultivating American columnists. On Thursday, Mr Bar-Illan phoned Mr Friedman and said: 'Half an hour ago, the Prime Minister returned from Europe. He asked me to inform you that he has no connection with the

Mr Netanyahu offered Mr Friedman an interview.

Refusing to be bought off so cheaply Mr Friedman asked for a public rather than a private disclaimer. Mr Bar-Illan sent one, saying the views expressed were his own, but without apologising.

All this has attracted decision

in the Israeli press. Nahum Barnea, columnist for the daily Yediot Acharanot, revealed that on the aircraft taking Mr Netanyahu to Washington a few months ago the passports of government officials and accompanying journalists got

there was an American pass-port," says Mr Barnea. "When members of the Prime Minister's office discovered to whom t belonged, they quickly hid it. This was the passport of the Head of Political Planning and Public Relations, the well-known patron of Zionism,



Bird of peace: A girl feeding doves at Yasukuni shrine in Tokyo at the weekend, the 55th anniversary of Japan's attack on Pearl Harbor

WHIII!

P Parl

# ptimism rises from rat-infested rubble

Grozny — For a long time, I felt I knew the definition of optinism. It was, I thought, a man in Vorkuta, an unutterably bleak Russian coal-mining city north of the Arctic Circle which used to be a Stalinist labour camp.

Although it was early sumner, temperatures were stuck below zero and there was as much chance of seeing a tourist as of spotting a cactus. This man made his living by persuading passers-by to pay him for the privilege of being photographed next to a moth-eaten, stuffed reindeer.

mixed up.
"At the bottom of the stack Now, several thousand miles o the south, he has a challenger. She is sitting before a pair of dark-blue curtains in a television studio that looks like one of those kiosks you go to to get a new set of passport photos.
One almost expects her to giggle, so strange is her proposition. "Apartments for sale," she
says, before reeling off a list of
addresses with all the confi-

dence and fluency of a Mayfair estate agent.

"There is water, electricity, and gas," she continues. No mention is made of the fact that the water supply is polluted by the city's damaged sewage system, or that the electricity supply regularly breaks down, or that the gas pipes are peppered with so many bullet holes that people set light to the leaks to stop them from exploding.

Nor does she have anything to say about the neighbourhood, which is likely to comprise an assortment of rat-infested piles rubble, interrupted by tall, burnt-out, Communist-era apartment blocks. After 21 months of war, the residents of Grozny, capital city of Chech-

We are watching Marso television, one of several makeshift Chechen-run television channels which broadcast intermittently on the Caucasus

aftermath of its war with Moscow. Even the most patriotic Chechen would probably concede that this would not, under normal circumstances, be anyone's first choice of entertainment. But there's nothing much else to do once the sun

has set over this ruined city. Although Grozny now has dozens of new cafés, they close at night. There are no bars; alcohol has been banned by the Islamic republic's separatistdominated government. The city-centre is busy enough

by day - teeming with new nya, can no longer see the chaos which surrounds them. Japanese and American cars driven by former Chechen fighters (one bearing the sticker: Drive Carefully, Future President Inside). There are even traffic cops: We were fined \$5, for an illegal left turn, regardless of the

fact that 200 yards away we saw

a car driving down the pavement. But the nights are eerily still. So, television it is. After a while, the property commercials give way to a man in office clothes miming to a popular song as he wanders through some woodlands. Then there is a Hollywood "hot-rod" film starring Charlie Sheen, great fun

for anyone prepared to endure a movie dubbed from English into German, translated into Russian, and broadcast on the biurry airwaves. The merest hint of sex is censored.

But the Chechens seem to approve. "We hate Russian tele-vision. We can't watch it in front of our families. It is too embarrassing," explained our host Hassan, proprietor of a rickety house in central Grozny which has become a watering hole for

INVEST

foreign correspondents over the past two years. He rails against the "pornographic ad-Moscow", in which - horror -

actors are seen kissing. But the fledgling broadcasts are symptoms of an instinct to survive. Russian troops are still withdrawing from the republic after a war that has left tens of thousands dead. It is uncertain where the money will come to

rebuild its shattered society. Yet, an entrepreneurial spirit is unfurling amid the mayhem. Four months after the end of the war, you can buy every necessity in Grozny, from soap powder to soap operas. And if you have the guts, you can buy a house - even though this might qualify you for the title of the world's most optimistic person.

Phil Reeves

#### significant shorts

#### Rawlings heads Ghana polling

Ghana's populist president Jerry Rawlings and his main rival John Kufuor were neck and neck yesterday as provisional results trickled in from presidential and parliamentary elections.

Rawlings, who twice seized power in the former British colony, had landslide wins in his home Volta region in the east. Kufuor enjoyed similar success in and around his stronghold of Kumasi. Reuter – Accra



HOUSE OF FRASER

#### Mandela accuses France memorial to of veto threat

The campaign to provide the next Secretary-General of the United Nations intensified yesterday with some African presidents jostling to promote their favoured candidates and Nelson Mandela accusing France of planning to veto South Africa's choice.

Ghana, Ivory Coast, Niger and Mauritania have formally nominated candidates. Mr Mandela told a Cape Town news conference that the French President, Jacques Chirac, had threatened to veto Tanzania's Salim Ahmed Salim, secretary-general of the Organisation of African Unity. Reuter - Abidjan

#### Havel improving

Vaclav Havel, the Czech President, remained on a respirator yesterday following surgery last week. "There were moments when we did worry." a spokesman said. Hut it seems that he's out of the worst of it." AP - Progue

#### Gays demand Holocaust

Berlin gays called at the weekend for their own memorial to mark the Nazis' attempt to wipe out homosexuals, stirring a lengthy debate over the building of a monument to

Holocaust victims in the city. The contentious discussion of how, or whether, to commemorate each of the groups targeted in Hitler's genocide has grown louder as each community attempts to raise awareness of its persecution. Reuter - Berlin

# Shoppers in a muddle

German shopowners found stores emptying early on the second Saturday of the Christmas season as consumer confusion over new shop hours knocked 10 per cent off turnover. Under new rules, they can stay open until opm in the four Saturdays of Advent - later than the new closing time of 4pm.

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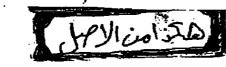
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# Why Honest John will not come clean

o, the negotiation of a single currency in Europe is to be likened

Amsterdam next year, of the sustainability of the fiscal and financial comto a boys' game. After his septem dies horribiles, John Major's muchhyped television interview relied heavily on red cards, football pitches and poker, laddish metaphors from an embattled prime minister. A master of bathos, Mr Major yesterday called the decision on going forward with monetary union the most important peacetime decision; others might claim that honour for accession to the North Atlantic Treaty in 1949, but either way it seems that destiny is being approached in the spirit of a Las Vegas craps game. Our Number 10 card sharp says he is keeping his hand face down, to be revealed with a flourish in that city of sin, Amsterdam, in June next year. Ah, but won't there have been a general election by then? Well, yes: the possibility is that we shall never

know what the deuce his position is. It is important to see why that particular poker analogy, chosen with some care, is so disreputable. The overnment's formal position is not the problem. Mr Major's public stand, expressed yesterday in a television performance that only a mediocre interviewer could make seem polished, is the correct one for any British leader to take. Now is the moment for empiricism, in the strict sense of waiting to see the gathering evidence, in the run-up to that intergovernmental meeting in He has to keep everyone guessing. If he

mitments now being undertaken across Europe. No British government with any sense of recent economic history, or a feel for the decision-making processes within the European Union, could do anything but hold its horses. So Mr Major is right when he insists

on keeping his options open - if that is what he is really doing. His poker analogy, however, reveals in a not-so-Freudian way that he is in fact concealing his true position, not so much from his Continental counterparts as from the British public. All he tells them is that he rejects virtually everything about the European project that suggests further integration. No common policies for immigration or border control, no moves towards a common foreign policy, and certainly no common social policies. As for the extension of qualified majority voting, or extra powers to strengthen democracy through the European Parliament - no way. It would be logical, you might think, if we added common money to that list, since common money is a good deal more significant than, say, moves towards common policies on employment. Common money, after all, could have a huge effect on jobs.

But no; on common money, the cards are face down. Mr Major appears to have a view, but can't tell us what it is.



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is keeping us all guessing because he is waiting before he makes a judgement (as Kenneth Clarke is doing), then that would be fine. He says the Government wants to stop European partners committing the folly of linking their currencies while their economics and fiscal circumstances are out of sync. But Britain's participation in the first wave of monetary union is not a precondition of offering that sage advice. No: the real reason Mr Major won't show his hand is that if he told the truth about what he really thinks - that there is no way the UK would enter the first wave of monetary union while he leads the Govern-

ment - then his party would fall apart. The public can see the evidence all around them. And it won't do for Mr Major to dismiss that evidence as Westminster froth. The division of view within the Conservative Party is not a media fantasy embroidered by a handful of obstreperous backbenchers. It is a fundamental party division over a fundamental issue, no different in potency to the tariff reform argument that split the party from top to bottom in the first two decades of this century.

It is for that reason that the Major cards remain unshown. His objective is short-term and selfish. The game is not rebuilding Europe, it is keeping the etary union, his Government would split Chancellor of the Exchequer and his supporters sweet, and bolding the Eurosceptic majority in his party at bay.

Building Europe is not at all like poker. And it is a game that cannot be played in fuggy backrooms. It has to be played out in public. The sour aftermath to the Maastricht treaty showed how dangerous it is to build European union on the back of public ignorance and discontent. This great work must. above all, be a visible effort of democratic leaders. That does not prevent some leaders saving: no. movement in this direction is too far and too fast.

It was intriguing yesterday to hear hovering somewhere in Mr Major's mind that old quote by Nye Bevan about not going naked into the conference chamber. But Bevan, justifying his conversion to nuclear deterrence meant above all that international negotiation in the national interest should be carried forward on the basis of public confidence and assent - and knowledge of what the government might offer to give or take. All the Prime Minister says by contrast is, "trust me. I'm honest John." He isn't. And there are too many in his party who too obviously don't trust him. And the electoral significance of that is that voters will withhold their trust, too.

Mr Major has no way out. If he bravely told the truth, that he will not lead his party or the country into mon-

on the eve of an election. It will probably happen anyway - but he still can't tell the truth, because if he gives an inch, he gives a mile to the Euro-sceptics, and he doesn't want to go all the way to withdrawal from Europe. That is what this is all about: does the Conservative Party want to be in Europe, or not? It is an issue that the party will be able to resolve only when out of power. Mr Major made it plain yesterday that it cannot be decided while he is in power.

#### My countryside, right or wrong

Coon we'll need a new phrase -Something like "doing a Dimbleby" First Bel Mooney (Mrs Dimbleby) comes out last week as a holier-thanthou censor of cinema films. Today Jonathan, as president of the Council for the Protection of Rural England, launches a campaign against clutter in the countryside. By this he means things like road signs, phone boxes and other "unnecessary paraphernalia". Well, it is understandable that people who live in the country should want to preserve their property values, but it is a matter of some concern that upstanding liberal folk like the Dimblebys should turn reactionary in their maturer years.

#### • LETTERS TO THE EDITOR •

#### **UK** forgetting noble vision behind Europe

Sir: Britain must not be allowed to destroy the European Union "How come they got it so wrong over Europe?", 4 December). The whole purpose of the Coal and Steel Community, the Common Market, the Community and the Union was to try to prevent 1914 and 1939 happening again. If Britain persists in her efforts to convert the Union into a purely commercial organisation, then she must quietly be told to go.

The Netherlands and Spain, Britain's has done, have been resurrected as part of a greater European whole, but Britain's future will become that of a small offshore island. America does not want Britain as the 51st state.

But if this happens, I hope, speaking as a Scotsman, than an independent Scotland will become again the European nation it was before 1603 and 1707. Dt JOHN SLEIGH Monmouth, Wales

Sir. Why can we never look beyond our noses? In the Fifties we wrote off the nascent European Community when we could have led it. Instead we jeered at it, did our best to undermine it and ultimately climbed aboard at the wrong time

and on the wrong terms. Fifty years from now, the euro, underpinned by the might of the German economy, will be as firmly in place as the European Union is today. To that will be added the dollar and the currency of what could well be the world's most

powerful economy, China. Will that not leave the paltry pound sterling, with its dismal track record for the past 50 years, bobbing helplessly in the waves made by the super-currencies? Of course there will be

difficulties in the euro, but as Cardinal Newman said: "Ten thousand difficulties do not make PETER PRIOR

Weybridge, Surrey

Sir. Andrew Marr went straight to the core of the European debate ("We're having the wrong arguments", 4 December). Time is running out. Nationalism, that prehistoric monster, is gathering followers in Austria and France, and the "skinhead nationalists", as someone called the more rabid Euro-sceptics within the Government, may be tarred with the same brush. Of course we all have some nagging misgivings about our future, even the more federalist among us; but there is no alternative. JEAN-BERNARD BRISSET Courson, France

#### Pension rights and wrongs

Sir. The National Insurance system is not a relic of the sentimental left ("Why I should give back my widow's pension", 4 December). It is a critically important part of the new democracy set up after the Second World War, and founded on the work and thoughts of politicians of the right, left and centre in a working group appointed by Winston S Churchill

When a voter is forced by law to pay a compulsory NI premium in



proportion to his/her earnings, social and financial justice require that their state pension return be also related to earnings. Not to do so amounts to legalised fraud. A private insurance body would find its directors liable to prison for

If Margaret Thatcher, Harriet Harman and Polly Toynbee want state pensions to continue to be divorced from earnings, they must require that compulsory state premiums be a fixed amount indexed to prices. We voters are in revolt, especially those of us who started work in 1948 and have become desperate after nearly two decades of financial abuse. OWEN EVANS Bromyard, Herefordshire

Sir: Polly Toynbee suggests ("Why I should give back my widow's pension", 4 December) that there is no need for the well-off to draw universal benefits – sickness, unemployment, child benefit or

That means that those benefits

would all have to be means-tested. Who would welcome that? When there is such a large disparity between the incomes of the rich and the poor, a better way of giving the Government more money would be to tax the rich more, by making income tax more steeply graduated, as it was years ago. In addition, inheritance tax should be graduated, as capital transfer tax used to be.

I am not suggesting that we should go back to the particular rates of tax in force when the Conservatives came to power in 1979. To aim at a half-way position might be better.
JOHN WYMER Bridgert, Dorset

#### **History backs** women riders

Sir: Steve Boggan's report ("Riding roughshod over tradition", 7 December) on Hawick's Common Riding notes that women were allowed to ride uncil 1932.

If the Common-Riding Committee of Hawick think that they are preserving an all-male tradition, history tells us otherwise Women were visible in these ceremonial ridings from earlier times. Women who were landowners in their own right or the widows of propertied men could participate in the annual marking of the town, village or

parish boundaries.
It did not matter whether this was a town in the Scottish Borders or a parish in the City of London boundaries had to be protected against interlopers.

In 1602 the "riding of the commonty of Innerwick" in East Lothian was led by no less a person than Dame Christian Douglas (Lady Home). DI MAUREEN M MEIKLE. Senior Lecturer in History,

University of Sunderland

Sir: Daniel Rosenthal is incorrect in describing Professor Lesley Regain as the first woman in England to hold a Chair in Obstetrics and Gynaecology ("Birth of a prof", 4 December). This honour was held by Dame Anne L Mcllroy, who was appointed to the Chair of

Obstetrics and Gynaecology at London University (tenable at the Royal Free Hospital) in 1921. Some years later, in 1943, Dame Hilda Lloyd was appointed to the similar Chair at the University of Birmingham, an appointment she held for 11 years. She also became the first, and so far the only, woman to be made President of the Royal College of Obstetricians and

Gynaecologists. Miss G M EVANS

#### Labour MPs owe duty of discipline

Sir: It is entirely sensible that Labour MPs should be expected to display the qualities of solidarity and co-operation that the Labour movement was founded on ("Discipline code for Labour

MPs", 5 December). Labour MPs are not freelance operators, in the House because of their individual brilliance and flair. They are there because of the hard work of party workers who do not seek the glories of elected office and have had the responsibility of "not bringing the party into disrepute" for years.

Is Ken Livingstone really suggesting that he should be allowed to bring Labour into disrepute? PAUL RICHARDS London W6 The writer is Labour's prospective parliamentary candidate for Billericay

Post letters to Letters to the Editor, and include a daytime telephone number.

Fac: 0171-293 2056; e-mail: letters@independent.co.uk).

E-mail correspondents are asked to give a postal address. Letters may be edited for length and clarity.

Licence fee future

Heritage Select Committee by the BBC Chairman, Sir Christopher Christopher accepted the prospect

#### US flying rights an internal issue

Sir: A Virgin Atlantic advertisement in your 4 December edition asserts that the right to fly into Britain and pick up passengers then fly on to Europe, is the same as flying to New York and picking up passengers then flying on to Miami. They are two different issues. The second one is called cabotage and is fought against in the UK as much as in the United

Next, Virgin Atlantic would like us to believe that the US is a protectionist government. Nothing could be further from the truth. The US is very liberal to British carriers investing in US airlines, compared to most other countries

Finally, Virgin would like the flying public to believe that Virgin Atlantic is protecting them from a merger that is somehow anticompetitive, when they practise the same thing with other US airlines. I think that Mr Branson should just stick to the facts. MATT PAXTON Vashon, Washington State, USA

Sir: Your report "Licence fee 'on the way out' " (6 December) reflected a misunderstanding of the replies given to the National Bland. It suggested that Sir

that the licence fee might no longer exist "in as little as five years' time". The Government has

guaranteed the licence fee for that long. No one can speak with absolute certainty beyond that, but Sir Christopher made it clear that the licence-fee system of funding the BBC had worked for more than 75 years and he believed there was broad support for it. He went on to say that he had no doubt that if the country and Parliament wanted a licence-fee-funded BBC, even in 20

years' time, we would have it. It is up to the BBC to make the case for the licence fee through the quality of its programmes and the range of its services, and we will continue to do so. It would be a sad day when Britain gave up the benefit of the services available to all through the universal licence

COLINBROWNE Director of Corporate Affairs, BBC London WI

#### Welsh lording it

Sir: The lineage of Viscount Cranborne, Leader of the House of Lords ("A Lordly plot to save their place", 4 December), began with his Welsh ancestor when Henry Tudor established himself in 1485. ap Seisyllt, the Welsh-speaking Lord Burghley.

Let us hope that another Welshman, Lord Richard, leader of the Labour Peers, will bring to a close this anachronism of hereditary peers and that the last of the ap Seisyllts to vote in the Lords will have the grace "to accept political defeat cordially" - long overdue in this "classless" society. DAVID TREFOR DAVIES Kenilworth, Warwickshire

#### Farm antibiotics the real danger

Sir. John Gummer hopes to promote banning the import of enetically altered maize 'Ministers face maize breakout". December). One gathers that the maize in question has been made to have greater resistance to the ills that afflict it while growing. I think it is safe to say that maize and farm animals, or humans, have very few diseases in common: on the surface, the likelihood that the resistant qualities of the altered maize would encourage resistance in the gut flora of farm animals or humans seems slim.

If Mr Gummer were really concerned about the possibility of resistant bacteria, he might consider the present use of antibiotics in dairy and stock herds. Dairy cows are given sufficient antibiotics that their residue prevents milk from souring: typical pasteurised British cow's milk will kill an introduced yoghurt culture, unless the milk has been first heated nearly to boiling to destroy the antibiotics it contains.

The likelihood of this practice encouraging the development of antibiotic-resistant bacteria which pose a danger to human health is not remote. The antibiotics employed – tetracycline, for example – are in common use in human medicine, and cattle and humans have considerable intestinal flora in common, E coli being a prominent example. C COLEMAN London WCI

Sir. In your leading article on food scares (4 December), you say that genetic engineering of food should be no more controversial than any other form of scientific

Genetic engineering does not have the precision which its name implies. It is not possible to predict the full biochemical consequences of the interactions of a gene from a completely unrelated organism within its new plant bost.

Scientists in the biotech industry appear to be ignoring fundamental principles of molecular genetics and the limitations of the technology as they try to meet technical and commercial objectives. In a like frame of mind the Government is assuming safety unless (or until) there is evidence to the contrary, instead of taking the view that something is potentially dangerous unless proved to be safe.

Current voluntary guidelines only require testing for known toxins, ignoring the possibility of the creation of new unexpected substances. At the very least, consumers should be entitled to make an informed judgement and to exercise choice. This necessitates full disclosure labelling.

Huntingdon, Cambridgeshire

#### Kilt-free zone

Sir: In the dialogue about the history of the kilt (Letters, 4 December) none of your correspondents has had anything to say about the custom of those Highlanders too poor to afford a targe removing their philimohrs entirely to wrap round their nonsword arm as a substitute, and charging down upon the Redcoats, or any other enemy, stark naked. Perhaps this was one of the earliest examples of the employment of shock troops. PM LARG Bampton, Devon

# The day I learnt how to think straight

A method of teaching science to 11- and 12year-olds is achieving remarkable exam results. Paul Vallely went back to the school laboratory to see if he could finally learn to design a foolproof scientific experiment

200 nappy liners

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sponge and small towel

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teething ring
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zinc and castor oil

• 3 mild baby soaps

6 safety pins

learn to think. I was put in a class of 11year-olds with a beaker full of tubes varying in width, length and material and told to work out what affected the pitch of the note I could make by blowing across the top

Marsh, at Woolston School in Southampton. "But I'm not going to tell you which four pairs of tubes to test. You decide."

The first thing, of course, was for me and my 30 peers in Year Seven to see who could make the most piercing whistle from the array of short and long, wide and narrow, plastic and glass tubes before us. Next we developed elaborate rituals for note higher or lower? dipping the tubes into the dis-infectant provided to avoid transmitting germs. Then there was the discovery that if you blew really hard, you could make yourself dizzy.

That accomplished, most of those on my table seemed well-tried schoolboy technique, I peered across to see what they were doing at the next table.

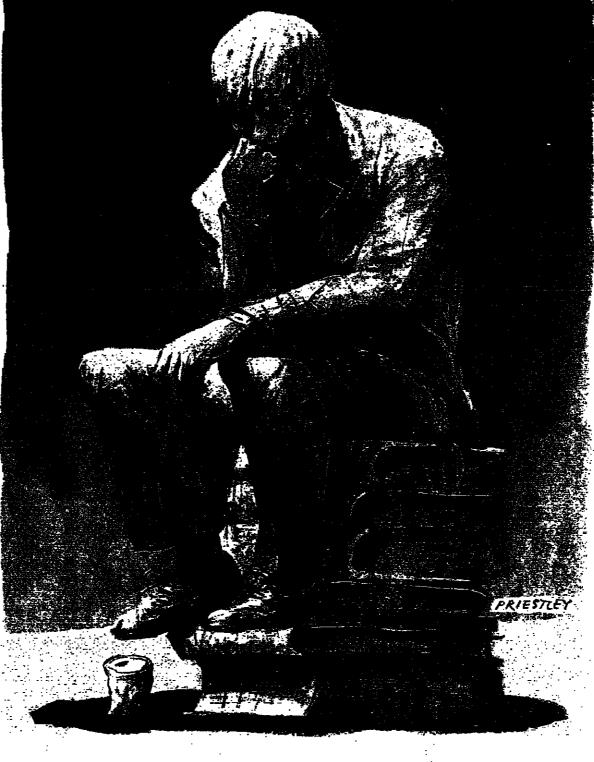
It was the start of a CASE lesson. Cognitive Acceleration through Science Education was the jargon behind the acronym. Using it in a pilot programme, 4,500 pupils at 17 comprehensives, who were given 30 such lessons during their first two

ast week I went years at secondary school, back to school. To achieved a dramatic improvement in GCSE performance. In CASE schools 20 per cent more pupils got Grade C or above in GCSE Science compared to schools. Interestingly the scheme, which teaches pupils to think rather than merely to Now I want you to do four maths and in English, too. tests," said the teacher, Lisa Almost all pupils were thought to have improved their individual performance

Miss Marsh had written a few pointers on the blackboard, drawn from questioning the class on the previous CASE les-son. Variables, it said. Input – the things we can alter. Outcome - the changes that are produced. Input width, length and material. Outcome: is the

On the next table David had begun. He romped through his four tests and concluded that pitch was affected by width. He rushed up to the teacher with his completed worksheet. At the next table Joanne was having difficulty working out which tubes to choose. "Explain to clusion here. So, reverting to a the teacher suggested. His explanation only made his

ssmate more confused. "Do you understand now?" "I think so," she lied. The teacher brought the class to order. David was asked to explain his answer to the whole class. "Brilliant method, David, but it's the wrong answer (width may affect volume, but not pitch). So let's look at it another



way. How can we go about doing this? We have three variables? Is there a rule we can work out for three variables?" You keep two the same and just change one," said Ruth at

'Why?' "Because you can't tell which one you're testing if you change

the back.

two or more." We were all sent back to have "Cognitive mechanisms de-

velop with age. It's not just a more full of knowledge; at different times, we think differently," says Dr Philip Adey, director for the Advancement of Thinking at King's College, London, who is one of the team behind the CASE project. After 20 years studying the learning techniques of British schoolchildren, he concluded that by the age of 16 only 30 per cent had left behind concrete thinking and begun to think abstractly. The supposition was that most of them progressed no further in adulthood. "The question was: were they genetically incapable of anything better? Or had they a potential which was undeveloped because their cognitive development had been

insufficiently stimulated?" Dr Adev is a disciple of the Swiss psychologist Jean Piaget and the Russian educationalist Lev Vygotsky. Aware that such hypothesising is regarded with disdain by most Tory education tion of his report on his successful standards-raising approach, "Barmy Theories". From Vygotsky he takes the notion that children have a spectrum of half-formed or potential strategies which may be turned into complete think-

ing skills by co-operating with others. From Piaget he develops an analysis of what are the most effective times to intervene in this learning process.

iaget concluded that stage, babies learn how to modify their reflexes. In the "pre-operational", the child up to the age of seven develops mental imagery, including onedimensional perceptions such as size and colour. In the "concrete operational" phase (age seven to 12), the beginnings of logic appear, along with classification of ideas, an understanding of time and number and, later, a notion of multiple classifications from which children build concepts from which they can learn to predict the world. Then, in the final "formal" stage - which occurs pretty much as they transfer from junior to senior school children develop the ability to reason about the hypothetical world outside their direct range of experiences; they understand abstract concepts and their search for solutions

becomes systematic. It is on the borderlines Dr Adey. "We can provide bits between these phases, Dr Adey of information and experiences,

believes, that the greatest but in the end, if it is to register, opportunities for accelerated development lie.

Back with Year Seven at Woolstone School, the bell is about to ring for break and Joseph is still perplexed. He keeps taking tubes up to Miss Marsh and asking, "Will these do to test for length?" He holds out a tall, thin glass

one and a short, fat plastic

one. Joseph is a boy after my own heart. My science master as foolproof until I managed to make it explode, whereupon he rejoined that it was only foolproof, not "bloody fool"-proof. Miss Marsh does not try to explain. "No, get two others," she keeps saying. Finally he

produces two the same length, and of the same width but of different materials. 'What's that a test for?" she

"Length." "Are they different lengths?"

'No, the same." "If they made different notes, would it be because of

the length?"
"No." "Because of the width?"

"So because of what?" "Because of the material." "So what is that a test for?" The material."

"Good, now go and find two that will test length." "Children must construct their own knowledge," argues

they have to do it themselves." The bell goes, Joanne drops her test tubes on the floor and

they smash. But Joseph is still at it. This time he produces two which are the same in every respect but for width. Miss Marsh, despite being clearly drained by the demanding CASEload of the last 60 minutes, remains behind, eating into her precious 15-minute coffee break. Ten minutes later he once described an experiment has got it right. A slow smile of understanding and achievement steals across the boy's face. He leaves the classroom beaming. Dr Adey's notion is that even

if comprehension hadn't dawned, the experience would have been good for Joseph. The lessons involve a lot of talking and they can be inconclusive and end with the kids going out slightly muddled," he admits, "which is why we'd never recommend giving over the whole of the curriculum to this. It's just one lesson every two weeks. But the cognitive conflict when a pupil encoun-ters a problem which cannot be solved by using their existing ways of thinking, is what pro-duces the results." The other key tool is metacognition - getting them to think about their only thinking, to deconstruct how they arrived at a conclusion. In CASE that process is more important than the conclusion itself.

Joseph certainly had a brainful of conflict that morning. "Teaching like this is exhaust-

ing," says Lisa Marsh. "But at the end of the day it is working. We can see it. Even if Joseph had left without getting it right, be'd have taken on board some of the process, which would be good for him."

lives Wille:

In the classes that follow, the same conflict and metacognition processes are put to work. Oil will get thicker when it is heated, the class pronounce before the start of an experiment which proves the oppo-site. Then they compare the graph drawn from the results with the one they drew after testing how far a spring stretches as weight is added. At the end the 11-year-olds are groping after an understander 3 of which variables enable them to predict, and in what way.

The skills they learn take them outside the science lab.

After variables CASE finds concrete entrances into the abstract mazes of ratio, proportionality, compensation. equilibrium, correlation and

For the latter they make tea, sometimes putting the milk in first, sometimes after. How many times would someone have to guess correctly before you might suspect they were not guessing, but could tell by taste? Four or five, say most pupils. Then they do the test and compare the results across the class to discover that 20 per cent come out right by mere guesswork. They have begun on probability. It is not too long before they are on to smoking. smokes gets lung cancer does not mean that there is no rig-nificant statistical relationship between the two, they conclude. Not bad for 11- and 12-

Did I learn to think? Not having spent a day in a classroom since I was an inmate of one, I certainly learned a new respect for the abilities of both pupils and teachers. The latent intelligence of the youngsters they did not immediately seem particularly bright. And the energy, enthusiasm, commitment and dedication of the teachers were awe-inspiring both in class and in their afterhours analysis and preparation.

What I did learn is that when a child asks a question, the hardest thing for an unreconstructed adult is to keep his mouth shut and not immediately announce what the answer is. Learning that may have been enough of an achievement.

"Crystallised intelligence wisdom – stays level on average until the age of 75. But fluid intelligence – the ability to be flexible – seems to peak from the age of 18 to 22. There is a decrease in the ability to form new concepts from the late twenties," says Dr Adey, "Some of us are just past it." Fortunately there is always a generation of youngsters out there who are not, and now there is a cohort of teachers with the skills to develop those children's talents to a greater potential than we previously realised was possible. There is always something to be learned by going back to school.

#### **SEND A BABY BOX** TO BOSNIA THIS **CHRISTMAS** FOR ONLY £30 pisinfectant, nappies, washing materials - not what you'd think of giving someone for Christmas. But for an impoverished mother in Bosnia trying to keep her child safe from infection, these basic essentials inside one of our baby boxes would mean the world. It would also mean that someone cares - somewhere somebody is thinking of her, and her efforts to protect her child. Children's Aid Direct has delivered baby boxes full of essential items directly into the hands of 33,000 mothers in Bosnia - many of whom will be living in war-damaged housing and in very basic conditions this winter. Please, if you possibly can, send a haby box to Bosnia this Christmas and help a mother keep her baby safe. Just call us on (1990) 6M610 or complete the coupon below. Feel free to send a message of support to a Bosnian mother - we'll put it in your baby box for you. What's inside? With love from a friend... • 18 nappies (100% cotton-muslin)

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Call 0990 600610 now to tell us how many baby baxes you would like to send.

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Last three digits of Switch cord no. Switch issue no.

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with your demotion and see will put it so your help how. Pleaser seed

het Chichen; And Direct Clent 494 FREEPOST Conding 261 188.

l endose a cheque for £ \_\_\_\_\_\_ (total amount) made payable to Children's Aid Direct

Please send \_\_\_\_\_\_ baby bax(es) at £30 each on my behelf,

# A Yankee in an English country garden



Miles **Kington** 

oday's quiz question is this: "What is the connection between Jane Austen and baseball?" While you're thinking about that one (and we will

get to the answer by and by), I'll tell you the connection between me and baseball. The connection between me and baseball is that my nineyear-old son came home at the weekend from his school Christmas Fair and revealed that he had bought a baseball mitt for 30p on the white elephant stall. Not only that, but he had conceived an intense desire to play baseball. Not in the

future, but right now, at a time when normal fathers pieces for The Independent. He wants me to go out and initiate him into baseball. "Not right now," I told

him. "I can't play baseball with you right now because I am busy and also because I haven't the faintest idea how to play baseball ..." And. I nearly added,

because baseball is such a minority taste that it hasn't even made it on to Channel 4. (At American insistence it has made it into the Olympics, but this slightly backfired because the American Olympic baseball team keeps getting beaten by

the Japanese and Cubans.) The extraordinary thing is that my son should know anything about baseball at all. He has never seen it played in his life. If he wanted to see a game of baseball, where would he go? I believe I have seen it played by expat Americans in Hyde Park, but where is the nearest place

You would have to cross an ocean, would you not? No, the reason he knows about baseball is that it slips and slides into our

where it is played seriously?

American films and cartoons. Baseball is part of America, therefore it is part of their culture, therefore it is part of our culture, and it does not seem odd for American films with a baseball theme to be released in Britain or anywhere where baseball is not played. There seems to

be a new film every six months about a junior league team that has never won a match and suddenly gets a new manager or about a team which is on the slide and suddenly gets a new manager or about a guy who has a vision of building a

baseball stadium or ... Baseball runs through Hollywood. The game runs through American cartoon strips. I learnt most of what I know about baseball from reading Peanuts. It permeates American expatriate culture. Every year in the International Herald Tribune, at the start of the US baseball season,

they print the same poem called "The Crack of a Bat". which is a lament written by an American living in Europe at being out of the old country just when baseball is starting up again.

baseball mitt, just like those American kids in American films. Next thing, he will be wearing a baseball cap backwards. Where have I gone wrong?

Mark you, I have seen a

couple of baseball games myself, and I thought they were wonderful, a lot better than any American football. This was way back in 1960, when I worked for a few months in New York, in the vacuum between school and university. One day I got the train uptown somewhere to Yankee Stadium and sat for a day in the bleachers eating hot dogs and watching men in long white uniforms hit, throw and run. There were one or two men playing who were legends coming to the end of their golden days. Mickey Mantle I saw, and Yogi Berra. They didn't do

much, but I saw them. (I also sat behind a black couple who fascinated me, not just because I had never seen ordinary black people before, but because the man was so absorbed in the game that he never noticed that his girlfriend, bored out of her mind, had started flirting with the lone black guy

other side. I went back again for another game two weeks later, and the girl was there again, not with her boyfriend this time, but with the lone black guy! I have to say, she was looking a little bored

with him too by this time.) Well, I am afraid I have to leave it there. I have to go and play baseball with my son until he gets bored with it. After all, I suppose it isn't quite such an un-English activity as all that. It is part of our dear old heritage. Jane Austen herself knew all about baseball. Turn to page 3 of Northanger Abbey and you will find:-

"Mrs Morland's elder daughters were inevitably left to shift for themselves. And it was not very wonderful that Catherine, who had by nature nothing heroic about her, should prefer cricket, baseball, riding on horseback, and running about the country, at the age of fourteen, to books ..."

STOP PRESS: Baseball has been cancelled. He has just found last summer's cricket stumps in the icy edge of the lawn and we are going to play cricket instead, as the dark falls and the frost returns.

# Invest and beware: you are on your own

s it likely that a body whose objective is to improve the public's understanding of pensions, life assurance and other financial products will be sufficiently cynical about the sufficiently cynical about the City? The Government is to back a new initiative, the Personal Finance Education Group. This is what it ought to teach, but probably won't.

You are there to be fleeced.

Insurance companies, building societies, banks, unit trust groups, investment managers and the like see you, the customer, as sheep to which they will regularly take the shears. Because in the past all building societies and many insurance companies were mutual societies, consumers assume that a notion of co-operation for a common end still exists. Unfortunately, this 19th-century trad-ition has become attenuated as societies convert themselves into shareholder-owned companies. The truth is that the directors of financial instit-

utions are much more concerned with what their company gets out of each transaction than with what is appropriate for you. Likewise, the executives with whom you do business are largely if not wholly motivated by commission. That is why the big insurance companies cheerfully persuaded thousands of individuals to leave occupational pensions schemes and to buy personal pensions.

pensions schemes and to buy personal pensions when it was unwise to do so. That is why unit trust groups urge you to invest in the stock market at the very moment when the professionals expect it to boil over. The financial institutions put their own interests first.

You are on your own. In a perfect market you would use a broker, or other qualified adviser, whom you pay, to find the most suitable investment plan at the best price. In this hypohetical situation, the market would be transparent, in the sense that you would know exactly what you were buying and what the cost was. Too little of this is true to life. In fact, insurance brokers live off the commissions that they receive from the companies to which they direct business. They are not really working for you, the consumer, they are in business for the convenience of the insurance companies. Nor is it easy to discern in any given transaction, although you are given the numbers, what part of your investment is being taken by the none seems capable of maintaining this sort of financial institution concerned, and how much performance permanently. is being properly invested on your behalf.

These arrangements are just a further example of the axiom that businessmen are naturally collusive. They will always try to tie up between them, or to fix, a market, if given half a chance. Only government, through law and regulation, with watchdogs and supervisory bodies and, finally, with education, can stop them.

Trust nobody. In earlier periods, there were financial institutions which it was natural to trust. Perhaps their performance wasn't wonderful. but they would never let you down. The Prudential? It is one of the insurance companies that imprudently switched employees out of occupational pension schemes. Flemings? Jar-



Andreas Whittom Smith

How much are you prepared to risk? For. whatever you do, risk

is involved

dine Matheson? A few months ago it turned out that one of the dealers working for their joint company in Hong Kong had been putting part of the investors' profits into his own

Barings? Collapsed, owing money to bondholders. Morgan Grenfell? It has employed investment managers who wilfully broke the rules designed to protect investors. The pension scheme of the National Grid, formerly a nationalised industry? The Pensions Ombudsman ruled last week that it must return £44m removed from the Electricity Supply Pension Scheme. The late Robert Maxwell would have smiled.

How much risk are you pre-pared to tolerate? This is the key decision that savers always have to make. It is a defining assumption. Whatever you do, risk is involved. If you place all your savings in building society deposits, your risk is that infla-tion will be a serious problem. If you buy a package of high-yielding shares, your risk is that the companies concerned cannot maintain their dividends when the economy next turns down. On the other hand, if you buy low-yielding shares, your risk is that the economy will not

be sufficiently robust to allow the underlying companies to raise their divi-dends. If you invest overseas, you face a for-

eign exchange risk. Be cynical about the City, not about the stock market. Over long periods, upwards of five years, the stock market works - modestly, but effectively. There are two trends which seem as reliable as anything in an uncertain world. The UK economy itself, and others like it, do grow steadily, with occasional changes of speed, stops and starts. At the time, booms or slumps are dramatic; afterwards they can be seen merely to have punctuated a long upwards march. The long-term rate of growth is 2 to 3 per cent per annum.

Furthermore, share prices have tended to rise somewhat faster. The fact that part of the working capital of most companies comprises borrowings as well as shareholders' funds enhances the return for shareholders. For periods of years, too, the better investment managers exceed the stock-market averages by two or three percentage points per annum, but

Markets always go too far. Because participants in the markets, whether professional or private, are made of flesh and blood, emotion as well as calculation drives business along. The pattern of stock markets is excessive movement up or down, followed by correction. This is precisely where we are now. Most professionals believe that Wall Street prices have been rising for an unusually long period and that a frightening correction will be needed to bring values back to a reasonable level. This regular pattern tempts some people to try clever timing. But not even George Soros, one of the leading exponents of this approach, gets it right

# Just say No to this agonising aunt

by Polly Toynbee

agony aunt? Comfort, supunderstanding and generosity of spirit? Those in distress who make the mistake of writing to the newest agony aunt could be in for a shock.

Anne Atkins, latest heroine of the moral right, has been appointed as The Daily Telegraph's first agony aunt. It was she, you may recall, who caused the stir recently with a rant on Radio 4's Thought for the Day against the Church for tolerating gays. In her new column, she will say that all sex outside sne will say that all sex outside marriage is always wrong. Virginity outside and chastity within marriage is the only way. All couples should stay together. No foetuses should be aborted. Women should put family before careers, and God is the best mide for acting the most

best guide for getting the most fun out of life.

I wish Marje Proops were here to see this. She would have laughed her rich, throaty chuckle, but she would have made some sharp and caustic comments, too. She didn't mince words, and she would have made elegant mincemeat of Anne Atkins.

For it seems to have been the death of Marie Proops last month that brought all this about. She always caused a stir, discussing previously unprint-able problems, shedding light in unhappy secret corners. But I doubt that she would be pleased by the controversy reawakened by her death. She took the suffering of people who wrote to her too seriously to turn it into an ideological game.

This is the story so far: when Marje died on 10 November, there was a barely suppressed whoop of glee in the ranks of the Telegraph, Mail and Express. Blaming her for breaking taboos and encouraging libidinousness, they declared that her passing was an omen signifying the end of the age of permissiveness and the dawning of the age of a better yesterday -

Just after her death, The Daily Telegraph wrote a lamely facetious leader purporting to come from Marje in heaven, or possibly hell, recanting her liberal views: "Now that there's so much family breakdown and violence and child abuse, I'm not so sure. From where I sit today, some of those old teachings don't look so stupid. So please, can someone tell me, where did I go wrong?"

The Daily Mirror puffed itself up with outrage at this insult to free agenda. And 'Dear Marje'



In the real world, the idea of being locked in indissoluble marriage with someone you never had sex with is grotesque

retaliatory leader called the Telegraph's "a vile, cruel assault on her before she is even buried Charles Moore" (the Telegraph's editor, whom the Mirror calls "Lord Snooty". Next day, the Telegraph's editor issued a

rather pompous rebuttal. All good knockabout fun. Marje would have enjoyed it. But underneath, something more serious is going on. Mary Kenny of *The Express* weighed in with a diatribe: "It is my belief that the influence of the agony aunts has been the crucial factor in setting this values-

their dear departed. Their was the formative influence on them all ... helping create the 'morals vacuum'.

The Mail's regular preachher: "Proops was one of those who created the moral anarchy by destroying the social constraints." He produced a salacious list of the sins in the private lives of all the famous agony aunts, claiming their only qualification for advising others was having made such a mess of their own lives, accusing them of a "conscious ideologicallymotivated" liberal conspiracy.

Out of all this came Anne Atkins's appointment, and she is certainly different. Her life is in perfect order because she has always done the right thing. The Telegraph describes her as "part-time actress, harpist and moral pundit". She says that giving up her acting career for her family was her toughest decision. She is an evangelical vicar's wife who has never had sex outside marriage, though admits to past temptation. "It is a good feeling to know we've slept only with each other." Just say No is her advice, and she abhors the pursuit of personal happiness. She praises a friend who gave buth to a baby knowing it had no brain, choosing to watch it die. Or another friend

who stuck with her violent hus-

band: "He was essentially a good husband, but people focus on the one had thing.

This novelty will no doubt get people reading, though I very much doubt whether it will have them writing in. Where did she get the letters for her first column? get the letters for her first col-umn? There was Mrs EH, aged 48, who came back from a clas-sical concert to find her husband in the bedroom trying on her underwear, confessing he often wore it under his trousers. Her advice? Get help for him and "Remember the good things: you still have each other and your husband has not been your husband has not been unfaithful." Or the parent wor-ried about their four-year-old throwing toys at his little sister: "Tell him you'll smack him if he does it again."

is this really the new world order? Are we, as the moralists claim, seeing the pendulum swing back? Oddie writes: "The climate was changed by two events ... the murders of Jamie Bulger and Philip Lawrence. It suddenly became clear to every-one that there are judgements to be made; there is right and wrong, good and evil.

Sometimes, in dark moments, I fear that they are right and a dark cloud of reaction is about to engulf us. When even Labour politicians mouth similarly simplistic sentiments, where do you turn? I have been preparing a tadio programme about liberalism and realise that the so-called "liberal establishment" is virtually nonexistent. Those that remain are growing old: Roy Jenkins and David Steel, who pushed through the great Sixties liberal reforms on abortion, divorce and homosexual law. Baroness Warnock, still making waves by calling for voluntary euthanasia But the young politicians and opinion-formers are circumspect in public.

And yet, out in the real world where people struggle with muddled lives, mistakes and calamities, I see no sign of the new puritan revolution: it remains a fantasy among a few influential moralists. In the real world, 80 per cent of support abortion; sex before marriage is the norm; and the idea of being locked into an indissoluble marriage with a parmer you never had sex with is grotesque. Most people want and try to be married, but it is difficult. Women will not be dragooned back into bad marriages, giving up their careers or bearing unwanted children. And when they have problems, who would turn to an agony aunt who hands out advice from a better past that never was?

# These small slaves need liberation

Denis MacShane asks why Britain opposes moves to link child labour regulation with world trade

oday Britain will be shamed in front of the world. As Christmas shoppers become more and more aware of the number of toys, garments and other goods that are made by children working full time, waged, bonded and as slaves, a British cabinet minister will seek to prevent efforts to place the scandal of child labour on the world trade agenda.

Ian Lang, the President of the Board of Trade, has flown from a freezing December to a sunny Singapore for the first ministerial conference of the World Trade Organisation (WTO). There he will link up with some of the most authoritarian governments in the world to block any debate on the explosive growth in child labour around the globe.

Economic commentators tend to shrug their shoulders when the subject is mentioned. Sure, it's a bad thing, they say, but it is a normal stage of underdevelopment that rising world wealth is eroding. And a lot of child labour is helping out in family farms. or corner shops, or that very English mechanism of introducing children to the waged world: the newspaper

Nothing alas, could be farther from the truth. Child labour, far from decreasing as trade increases worldwide, is on the increase. Estimates at the beginning of the decade put the number of children under the age of 14 in waged, bonded, or slave labour at around 110 million. Last month, however, the International Labour Organisation published an authoritative survey showing that the total number of children at work around the world is at least 250 million. The number of children in the sex business, for example, is more than a million. Children working in agriculture are more likely to die from exposure to organic compounds and pesticides used on farms than from child-killing diseases such as malaria, whooping cough and

Some of these children are little



Making fireworks in India: child labour is on the increase

better off than 19th-century slaves. sold into bondage by parents to pay a family debt. Brazil, one of the darling Latin American countries for the trumpeters of economic liberalisation, has more children aged 14 or under at work than India. Turkey, knocking on the door of Europe, has 24 million child labourers, and Thailand has more than 16 million identifiable child workers.

So what is to be done? Two measures are under way. An increasing number of businesses are embarrassed by their involvement with child labour. Many of the clothes, carpets, toys, cheap metal tooks and utensils we buy are likely to have part of their low cost based on the exploitation of children. Most winter sun tourism functions on the exploitation of children. More sensitive firms have begun to

draw up codes that, at least in formal terms, commit them to avoiding the use of children as employees. Fifa, the world soccer body, has signed a deal with the International Confederation of Free Trade Unions pledging that footballs used in international competitions and those sold in connection with events will not be sewn by children. But supervision and enforcement remain insurmountable problems.

The second measure consists of consumer boycotts and corporate campaigning. These can take the form of direct engagements to purchase goods known to be made under fair conditions, such as the coffee on sale from Café Direct or the carpets labelled with the Rug Mark scheme. The shaming of greedy corporate executives, whose buying trips to exotic

far more fun than haggling with textile manufacturers in Bradford or Bolton, is beginning to pay off. In the US, giant retail chains such as Wall Mart have stopped buying goods made with child labour in Central America.

But while businesses and consumers

are slowly moving, Whitehall remains indifferent. President Clinton and President Chirac have both urged that the issue of child labour be considered in Singapore, but British min-isters have mobilised strongly to veto any discussion by the WTO of child labour. Anthony Nelson, the British trade minister, has worked overtime in Europe to ensure that the EU does not back the French and American call for child labour to be linked to the new rules governing world trade.

The American-French proposal is places such as Bangkok or Bogotá are quite limited. It is simply that the

WTO set up a working party to discuss the linkages between world trade and child labour and other core social rights. No new rules are being pro-posed, and the snail-like pace at which world bodies discuss issues is often a way of adjourning consideration of a problem rather than seeking its resolution. But so enthralled are British ministers with the ideology that trade does not concern those who work to produce the goods and services that constitute trade, that it is impossible for a British minister to support Clin-

ton's and Chirac's modest proposal. In turning a blind eye to child labour, British ministers make two further arguments. First, they point to countries in Asia that are opposed to discussing the issue of a link between labour and world trade. It is true that the bureaucrats and business élites running countries such as Pakistan and Indonesia want no discussion about the terms on which they trade with the world. But the institutions of civil society, such as churches, trade unions and other democratic organisations in the south, also need to be heard; and they have a different message.

The second argument is that rules linking trade and the abolition of child labour represent an interference in other countries' sovereignty. Well, so they do. Child labour is an absolute, not a relative evil. It should be abolished. Those who opposed William Wilberforce when he campaigned against slave labour said that slaves liked their jobs, or that it was a necessary, if unpleasant, part of free trade, or that Britain could not go it alone in calling for a total ban.

Wilberforce ignored such casuistry and Britain took a lead in removing slavery from the world. Is there another Wilberforce in the House? The pathetic Lilliputians who sit in Whitehall will arrive in Singapore today not to praise Wilberforce's memory, but to bury his spirit.

The writer is Labour MP for Rotherham.

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# obituaries / gazette Richard Clarkson

Amesbury, a merry streak was

performed by the test pilot Ge-

aircraft benefited from Clark-

aerodynamics, performance,

stability, aero-elasticity and

world's first mass-produced

single-jet fighter (over 4,000

built); the world's fastest piston

fighter, the 465mph DH103 Hornet, renowned for its good

first European jet to exceed the

speed of sound (6 September 1948).

ing made an almost identical

aerodynamic copy, the 727.

The Trident was the world's first

airliner to land itself automat-

ically in thick fog carrying

fare-paying passengers. That remarkable British achieve-

ment (of November 1966) pio-

neered "systems integration",

the marriage of aerodynamics

with electronics, commonplace

now routine, with the 1955 Fer-

Clarkson was also responsi-

Other famous de Havilland

offrey de Havilland Jnr.

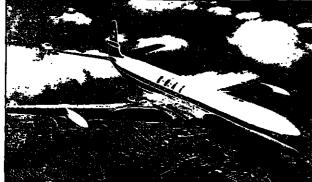
Richard Clarkson was one of liner. Though marred in its tical engineers and made a leading contribution to British technical air supremacy in the Second World War.

He was responsible for the aerodynamics of the war's most efficient bomber, the de Hayilland Mosquito, which could carry the same bomb load to Berlin as a Boeing Flying Fortress using half the power and a fifth of the crew. The Mosquito was so fast it could make two round trips in a night to the German capital, and outrun Goering's Messer-schmitts. Nearly 8,000 were built in 40 versions.

Late in 1939 Clarkson had been sent by Sir Geoffrey de Havilland to Salisbury Hall, a secluded Elizabethan manor near St Albans, as a member of a small design team whose secret task, under their chief design-. er R.E. Bishop, was to realise de Havilland's revolutionary idea for a very fast, light, unarmed bomber.

Before the war Clarkson had worked on the advanced DH88 racer and the streamlined Albatross and Flamingo airliners, pursuing what his boss and mentor Charles Walker called "economic efficiency through aerodynamic purity". He now applied this philosophy to a war machine. The result was the

After the war Clarkson was responsible for the aerodynamics and performance of the Comet, the world's first jet air-



early years by structural failures, the Comet's aerodynamics and jet power made history by doubling the cruising speeds and altitudes of contemporary airliners.

Clarkson and his team, nearly all in their twenties, had to solve airworthiness problems quite new in commercial air transport - sonic compressibility, shock wave drag, jet intakes handling tons of air a minute, fully powered flying controls without manual reversion, and speed brakes. All these are commonplace in the 11,000 jetliners flying today, but the Comet was first.

The Comet 4, still the sleekest of jetliners, gave 20 years of safe passenger service and made history by winning the race with Boeing to operate the first transatiantic jet service (4 October 1958).

The prototype Mosquito. W4050, flew in November 1940, within a year of the first weight and drag estimates (W4050 has miraculously survived and may still be seen at Salisbury Hall). Clarkson had calculated that the Mosquito would attain 376mph. It actually achieved 388mph - faster than

In his privately circulated Recollections (1990) Clarkson recalled the Ministry's scepticism: "It cannot be faster than the Spitfire." W4050 was summoned to Boscombe Down, the government aircraft experimental establishment, for a

> ranti Pegasus system. Trident experience helped Clarkson's team to design the wing of Europe's Airbus. The British government had pulled out of the European air consortium, angering the French and Germans and leaving the sloped playing field. Clarkson's team won the wing competition on technical merit with "suarrofoil sections
>
> He was apprenticed to the Havilland Aircraft Company at Stag Lane, Edgware, in 1925, and gained his pilot's licence in ciency in high subsonic cruise with good low speed lift. The

check by the test pilot Allen Wheeler. Fred Rowarth, French technical director of Airbus, Bernard Ziegler, called Boscombe's chief technical ofit "our beautiful English wing". ficer, analysed the results. "We British Aerospace has made waited anxiously outside his office door," recalled Clarkson. 1,500 of them to date, its most profitable civil business. Recently BAe won the competition Finally be emerged and raised his hat, saying, 'I take off my hat to 387mph.' "At the party af-terwards in the George Hotel, to design the wing of the Airbus FLA military airlifter.

Clarkson also influenced the design of 125/Hawker corporate jet, for which he won a Royal Society gold medal, and also the 146/Avro regional jet. BAe's Chester factory has built 900 son's responsibility for the 125/Hawkers, a British civil jet record, and has recently won a Raytheon contract to build 125/Hawker airframes into the flight-testing. These included the DH100 Vampire, the next century. Customers include the Japanese Air Force. The 70-100 seat BAe146/Avro also has the "Clarkson touch". achieving brisk runway performance without slats or thrust looks and handling; and the swept wing tailless DH108, the Nimrod Nimmod, the RAF's maritime

reconnaissance aircraft, owes its existence to Clarkson. He had proposed a Comet 4 variant to replace the venerable Shackle-ton, but head office (then ble for the aerodynamics of the world's fastest jetliner, the 600mph DH121 Trident. Boe-Hawker Siddeley) preferred a Trident development. When the Ministry turned this down as too costly, and threatened to buy the French Atlantique, Clarkson got a phone call from head office: "Put your Comet MR study on a car to St James's Square at once."

The RAF ordered it and has operated Nimrods for nearly 30 years. Recently the MoD ordered British Aerospace to today. Clarkson was a pioneer build 25 more, updated as Nim-rod 2000s. Clarkson's Comet of computer-aided design, also planform will fly for perhaps another 50 years.

Born in 1904, Richard Clarkson was educated at Clayesmore School (whose choir sung at the Sherborne Abbey memorial service). He took his BSc and ACGI at City and Guilds, which made him

land Moths. He met the pioneer pilots and flew the company



Clarkson (third from left), Charles Walker, Sir Geoffrey de Havilland and R.E. Bishop, with a model of the DH98 Mosquito, c1941

Hornet Moth on business. He they arranged a DH90 flypast. also flew as flight test observer in many new DH aircraft including the DH65 Hound, in which he found himself at 24,000ft without oxygen standing up in an open cockpit try-such a heavy object from ing to read the pilot's against a wall and throw it ing to read the pilot's

Clarkson became a remarkable selector and leader of technical staff. Last May, in a video about the birth of jet transport commissioned by the Seattle Museum of Flight, he said of his staff: "They were all brilliant. It is entirely thanks to them that we are in Airbus." Though he could be a hard taskmaster, his staff revered him and kept in touch, visiting him and his wife in their Dorset mill house where he spent nearly 30

When last year's gales lifted his garden bench and flung it upside down on the lawn, he was typically curious to discover what freak force could pluck into wind. He showed his visitors his graphs and tables of wind velocities, vortex pressures and stagnation points

proving that even a garden bench can fly. Showing an old colleague round his garden earlier this summer, Clarkson demonstrated his renowned love of Shakespeare. The visitor had commented that his rooks sounded like a scene from Macbeth. Clarkson declaimed in the rasping voice well known to erring staff: "Light years of happy retirement. To celebrate his 90th birthday wing to the rooky wood". He

would invoke Shakespeare often. Hearing of a management reshuffle, he intoned: "Thus is the eagle mewed. while kites and buzzards prey at liberty.".

Clarkson loved Wagner, above all Parsifal. After a cataract operation last April he signed his letters Wotan. Like his technical reports, his letters were in immaculate English. He used the backs of wastepaper despatched in old envelopes sealed with "Preserve the Rain Forests" or "Don't Let Europe Rule" stickers. He engaged in hunting, ballooning and the Campaign for an Independent Britain.

He was indefatigable in helping the anti-slavery campaigner Margaret Cave to achieve proper recognition for his ancestor Thomas Clarkson (1760-1846). His last engage-

ment was on 26 September when, though unwell, he attended the dedication in Westminster Abbey of a memorial to Clarkson, "the friend of slaves". As senior living descendant he posed for plutographs with the present Lord Wilberforce. Three years ago he opened the Clarkson antislavery museum in Wisbech. Cambridgeshire.

Richard Clarkson was a Fellow of the Royal Aeronautical Society, which awarded him its British Gold Medal in 1966 for "outstanding contributions to aircraft design".

J. M. Ramsden

Richard Milroy Clarkson, ucronautical engineer: born London 14 July 1904; OBE 1950; married 1940 Sylvia Paice (one daughter): died Yeovil, Some 7 of 7 October 1996.

#### John Vassall

John Vassall was blackmailed by the KGB because of his homosexuality, and obliged to spy for them for seven years from the posted a bachelor instead. mid-1950s while working as a comparatively junior civil servant in the Admiralty.

not mean he was denied access to innumerable secret docu-Vassall spent lavishly on clothes ments. In Moscow, where he was posted aged 29 and entrapped with contemptuous ease by the KGB within months, he made an excellent impression on his superiors. Their reports commended the young man's "first-class appearance and manners", his unruffled comportment, readiness to please and exemplary moral standards.

In the wake of the notorious Foreign Office spies Burgess and MacLean, who had defected to Moscow in 1951, much was made of ever more rigorous vetting procedures designed to appease American fury over British security laxity. Homosexual behaviour was still a criminal offence in the United Kingdom and the Soviet Union. This meant that sexual entrapment along precisely the lines experienced by Vassall was such a danger that anyone vulnerable should have been denied sensitive access

After Vassall's arrest in 1962 il became apparent vet again that the KGB were far more adept at spotting vulnerable individuals than were the Foreign Office personnel department. It also emerged that Vassall's selection for Moscow, of all places, had been in part an economy measure. Traditionally, his job had been performed by a married man, but to avoid allowances for couples they had

His treachery had been reand frequent holidays at a time when only the rich could afford to follow the sun. The rent of his Dolphin Square flat alone was not far off his entire income after tax.

These facts proved damaging to the Macmillan government, which was already under pressure after another naval specialist, George Blake, had been sentenced to a record 42-year sentence for spying. Vassall's own trial by Lord Parker, the Chief Justice, was almost entirely in camera, yet the press, despite ferocious denials from official sources, uncovered a hapless saga of incompetence, extravagance combined with foolish penny-pinching, and sexual corruption. After Vassall, and even more when the Profumo-Keeler scandal broke in 1963, Macmillan's premiership

was dogged by a sleaze factor. These political reverberations lent significance to an intrinsically sad story. Born in St Bartholomew's Hospital in London, where his father was a long-serving chaplain, Vassali developed a boyhood taste for religious pageantry in the twin churches of St Bartholomew in West Smithfield. At school in Monmouth he discovered his homosexuality and was disap-

ter Keble College, Oxford. Instead, he joined the RAF in the ranks, where ironically he received the photographic training that made him so competent warded with plenty of cash af- a spy. A state-of-the art Prakter initial threats to send his tina document-copying camera His lowly clerical grade did mother photographs of her son was found expertly concealed in 807 Hood House, his Dolphin Square address, when section DI of the security services stripped the place.

After wartime service with the RAF, in 1948 Vassall joined the Admiralty. While in Moscow he had printed a special card reading "Junior Mili-tary Attaché", and had even been rebuked for turning up at social occasions thought to be too elevated for his grade. Back in London (from 1957), he used his spymaster's cash to cut something of a swathe in the underground world of homosexuality. His sartorial role model was the Hon Thomas Galbraith, the junior Admiralty minister he served as personal secretary before moving to military intelligence. He kept a silverframed photograph of his boss in naval uniform on his desk. In retirement, Vassall's father

had become an ex officio curate at St James's, Piccadilly and his son made some play of his connection with this then fashionable establishment.

He liked to impress friends with connections in high places and often cited Lord Foppington, a character in Vanbrugh's play The Relapse, to the effect that this was the sole church in London with a congregation compiled entirely of gentlemen. He was also wont to repeat compliments he said he had re-



ceived for his "bedroom-eyes". The importance of his espionage disclosures were never revealed. The tribunal set up under Lord Radcliffe established that there had been no impropriety in his relationship with Galbraith who, though he felt obliged to resign, later received a more senior government job. The main victims of Radcliffe were the press, two of whom served jail sentences for refusing to name sources.

Having converted to Catholicism, Vassall proved a model and increasingly religious pris-oner, whose spiritual life was en-riched by visits from Lord Longford. Released after serving ten years, he claimed in his autobiography that he was "a pygmy of a spy" in comparison with the atom physicist Klaus Fuchs. Nonetheless, Fuchs's

this day: the first execution took place

sentence (14 years) had been four years shorter than his own. Vassall was certainly the

smallest of beer compared with the Cambridge Five: Burgess, MacLean, Philby, Blunt and Cairneross. Unlike them he had scant ideological regard for Communism. He had operated entirely under threat of blackmail and also for greed. Victim of historical circum-

stance as much as anything, he might in another age have found a vocation as a gay cleric. As it was he changed his name to John Phillips and spent his declining years in total anonymity and obscurity in St John's Wood, north London. David Leitch

William John Vassall, spy: born London 20 September 1924; died London 18 November 1996. em Wisconsin could command

### **Pete Rozelle**

Pete Rozelle was, quite simply, the best commissioner ever to serve a major US sport. For almost three decades he ran America's National Football

When he took over in 1960. as a little known fallback choice - but to share the proceeds of the league's owners after 23 rounds of voting, professional football was chickenfeed - an uninspiring hotchpotch cluster of local teams, local markets and purely local enthusiasms. By the time he retired the NFL had outstripped major league baseball to become a national institution, the country's richest, best run and most widely followed sport.

In a business dominated by short-term greed rather than long-term vision, Pete Rozelle was the exception. From the outset he understood three things: the vast possibilities of television for the sport, the need for financial equality between clubs and that, to ensure the credibility of the product, no star could be bigger than the

Rozelle began his NFL career in 1952, when he joined the Los Angeles Rams as their public relations director. Five years later he became their general manager, and it was from this position that he took over the

The NFL Rozelle inherited at the age of 33 consisted of just 12 teams, with hugely varying resources. Back in 1960, the New York Giants could sell their television rights for \$350,000 a year, but the Green Bay Packers from remote north-

only a tenth of that. Displaying the gift for compromise that would be a halimark of his tenure, Rozelle persuaded the owners not only to allow him to negotiate a single television deal for the entire league

equally. Thus was born the concept of revenue sharing that today gen-erates \$40 million of television income for each of the NFL's 30 teams. Two years ago, baseball was paralysed by the longest ever strike in sports history over the very same issue, which to a lesser extent torments ice-

hockey and basketball.

The NFL has had its share of turmoil over the years, including three strikes by unionised players and countless spats over franchises: in what other sport would the shift of a team from Cleveland to Baltimore require round-the-clock police protection and be a subject of debate in Congress? But revenue sharing is an accepted article of faith. And the \$1.6 billion four-year deal in 1993 with Fox television is the measure of the NFL's un-

rivalled popularity.
Finally, Rozelle insisted on a clean house. Back in 1963 he banned two of the sport's top stars, Alex Karras and Paul Hornung, for gambling, and despite several well-advertised drug scandals, football is still strictly run today. That incidentally was the year of what the commissioner acknowledged as his "great mistake," permitting play on 24 November, two days after the assassination of Pres-

ident Kennedy.

But that controversy has long

since settled. Pete Rozelle's lasting legacy is the changed habits of his fellow countrymen. In 1970 he merged the NFL with the rival American Foothall League - but not before instigating a regular season finale game between their respective champions. Later it would be called the Super Bowl, the single biggest event on America's sporting calendar, bigger than hockey's Stanley Cup or the NBA basketball championship, bigger even than the World

But even the ordinary NFL season has transformed American weekends. For three hours each Sunday afternoon in winter the streets of major cities are eerily deserted because of tele vised football. To the mix Rozelle then added that other institution of Monday Night football, bringing the sport into tens of millions of homes in midweek prime time, and forcing cinemas and bowling alleys to shut down in droves while the game was on.

Even Thanksgiving has been reshaped by the NFL. A televised afternoon game is as much a part of America's great family holiday as turkey, pumpkin pie and a visit from the grandparents. Few Presidents can claim as much.

Rupert Cornwell

Alvin Ray (Pete) Rozelle, sports executive: born 1 March 1926; General Manager, Los Angeles Rams football club 1957-60; Commissioner, National Football League 1960-89; died Rancho Santa Fe, California 6 December

#### Births, Marriages & Deaths

#### DEATHS

CLAS: Margery Jean Hogarth, died on 30 November aged 80. Much loved by family and friends, former inspir-ing teacher at North London Collegrate School, Requiem Mass on Friday 13 December at 2.15 at St Alphege, Montrose Avenue, Burnt Oak, Donations in memory to Oxfam or Amnesty, Enquiries to W.H. Putman; 0181-205 6620.

#### IN MEMORIAM

PIPER: John Andrew, 17/2/45-9/12/89. A dear man, who loved and lived life to the full. Lawing you and missing you loday and every day. Mary.

For Gazene BIRTHS, MARRIAGES & DEATHS, please telephone 0171-293 2011 or fax to 0171-293 2010.

ROYAL ENGAGEMENTS The Duke of Kent, Pre-silent, attends a lecture the Reval United Services Institute for Deter Changing of the Guard

The Howeshold Create Mounted Regularities the Onest Life Guard at Hope Gazaria

#### Marriages

Mr T. R. S. Coke and Miss G. Powell

The marriage took place on Saturday 7 December, at Chelsea Regis-ter Office, London SW3, between Mr Toby Coke and Miss Georgia

pointed in an ambition to en-

#### Birthdays

Miss Joan Armatrading, singer, 46; Sir Nicholas Bonsor MP, 54; Mr Bily Bremner, former football captain, 54; Mr Beau Bridges, film actor, 55; Sir Stanley Brown, former chairman, CEGB. 86; Miss Susan Bullock, soprano, 38: Sir John Burgh, former mesident. Trinity College, Oxford, 71; Dame Judi Dench, actress, 62: Mr Kirk Douglas, film actor, 80; Mr Douglas Fairbanks Jar, film actor, 87; Miss Dawn Freedman, circuit judge, 54; Mr Benny Green, musician, writer and broadcaster, 69; Mr Geoffrey Hankins, former chairman, Fitch Lovell, 70; Mr Robert Hawke, forner prime minister of Australia, 67; Professor Gabriel Horn, master, Sidney Sussex College, Cambridge, 69; Dr Lionel Kopelowitz, former president, Board of Deputies of British Jews, 70; Mr Ian McIntyre. writer and broadcaster, 65; Sir Michael Mann, a former Lord Jus-tice of Appeal, 66; Mr Donny Os-

Sheriff of the Lothian and Borders, 55; Lord Rees QC, former MP and Chief Secretary to the Treasury, 70; Mr David Rider, disc jockey, 56; Dame Elisabeth Schwarzkopf, operatic soprano, 81; Sir Peter Smithers, former MP, 83; Miss Rita Stephen, trade union leader, 71; Miss Joanna Trollope, author, 53.

#### Anniversaries

Births: John Milton, poet, 1608; Baldassare Ferri, castrato, 1610; Johann Joachim Winckelmann, art historian, 1717; Karl Wilhelm Scheek, chemist, 1742; George Grossmith, actor in Gilbert and Sullivan roles, 1847; Joel Chandler Harris, author and creator of "Uncle Remus", 1848; Clarence Birdseye, inventor of deepfreezing process, 1886; Hermion Ferdinanda Gingold, actress and entertainer, 1898; Richard Austen Butler. Baron, statesman, 1902. Deaths: Malcolm IV, King of Scotland, 1165: Sir Anthony Van Dyck. painter, 1641; Edward Hyde, First Earl of Clarendon, statesman and historian, 1674; Robert Nanteuil, engraver, 1678; Joseph Bramah, ocksmith and inventor of the hydraulic printing press, 1814; Ezra Cornell, financier and founder of Cornell University, Ithaca, NY, 1874; Dame Edith Sitwell, author and poet, 1964; Karl Barth, theologian, 1968; Ralph Johnson Bunche, diplomat, 1971. On mond, singer, 39; Miss Isobel Poole,

in Newgate Prison, London, 1783; the Spanish army was defeated at the Battle of Ayacucho, Peru, and agreed to leave South America, 1824; in France, a law was passed separating Church from State, 1905; Richard Strauss's opera Salome was performed for the first time, Dresden 1905; an Arab rising in Palestine was violently put down by the Ottoman army, 1910; during World War. I, Jerusalem (held by the Turks) surrendered to the General Alienby. 1917; the Eighth Army opened its offensive in North Africa by attacking Sidi Barrani, 1940; in Yugoslavia, Josip Tito formed his own government, 1943; the republic of Indonesia was established, 1949; the first episode of Coronation Street was elevised, 1960; Tanganyika became independent, 1961, and a republic in 1962: Lech Walesa was elected oresident of Poland, 1990. Today is the Feast Day of St Budoc or Beuzec, St Gorgonia, St Leocadía, St Peter Fourier and The Seven Martyrs of

#### Lectures

University College London: Dr Tom Wilkie, "Genes'R' Us? - public policy issues in the new genetics" National Callery: Philip Conisbee "Georges de La Tour", 1pm.

The following notes of judgments were prepared by the reporters of the All England Law

Reports.

R v Liverpool City Magistrates' Court, ex p Santos; QB Div Ct (Staughton LJ, Tucker J) 15 Nov

Where a defendant failed to attend court on the date fixed for him to surrender to bail because his solicitor miscalculated the date, justices had to determine whether, in all the circumstances, the solicitor's mistake was a reasonable excuse for failure to attend, before exercising their discretion to institute proceedings under s 6(1) of the Bail Act 1976. Clare Montgomery QC (R M Broudie, Liverpool) for the applicant,

#### Benefits Alcott v DPP; QB Div Ct (Stangiston LJ. Tucker J) 14 Nov 1996.

An appellant, whose partner was the signed claimant for their income support, could not argue that she was unable to comply with her legal obligation

#### CASE SUMMARIES

#### 9 December 1996

penalties out of her income support because her partner refused to let her use it for that purpose, since the income support received by the appellant's partner was for both of them and the appellant was entitled to a share in that money to pay off her fines.

Richard Button (Marsh Ferriman & Cheale, Worthing) for the appellant.

Re Agkurt; QB Div Ct (Schiemann LJ, Butterfield J) 20 Nov 1996. The mere failure to include a copy of the Italian schedules specifying that heroin was a prohibited drug, while it might instify the Home Secretary in not proceeding further with an authorised to investigate extradition request until such copy was furnished pursuant to a request for supplementary information, did not necessarily inhibit the magistrate from be-

to pay outstanding financial tradition crime. The magis-

trate might, by relying on a sworn statement for example, be satisfied that heroin was listed in the schedules. Malcolm Fortune (Robin F Clark & Co. Graveserul) for the applicant; John Hardy (CPS) for the Italian government and governor of Brixton Prison.

Road traffic Swan v Vehicle Inspectorate; QB Div Ct (Schiemann L.J. Butterfield 1) 11 Nov 1996.

Time for laying informations ran from the date the person responsible for prosecuting became aware of the offence, not from when the investigating officer received an admission of guilt, since a person whether an offence had been committed was not a prosecutor for the purposes of s 6(1) of the Road Traffic Offenders Act 1988. The fact that the ing satisfied that the authority appellant thought he was enti-to proceed related to an ex-tled to conclude that the offi-dard) for the lundlords.

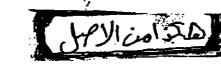
cer had such authority made no difference.

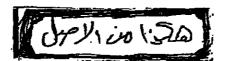
John Gibson (Lester Dixon & Jeffcoate, Nuneaton) for the appell Patrick Sadd (Hamer Bell & Co. Worcester) for the respondent.

#### Tenancy

Esselte AB & ann v Pearl Assu pic; CA (Stuart-Smith, Morritt LJJ, Sir John May) 8 Nov 1996. Where during the course of a

fixed term lease a tenant of an office building ceased to occupy it for the purpose of his business. Pt II of the Landlord & Tenant Act 1954 ceased to apply, thus causing the tenancy to expire on the contractual term date with no need for the tenant to serve a notice under s 27 of that Act or otherwise. The contrary decision in Longuere Securities Ltd v Electro Acoustic Industries Ltd [1990] I EGLR 91 (CA) was not to be followed, being inconsistent with earlier decisions (not cited in that case) of equal authority. Paul Morgan QC (Geoffrey Delany, Peterborough) for the tenant; Jonathan Brock (Theodore God-





### business

# Why the stock market could eventually be driven to perform the splits

Could the stock market splinter into an array of standalone share markets?

Such thoughts, which have been floating around the City since Big Bang annihilated eyeball to eyeball floor trading 10 years ago, have been given new impetus by Brian Winterflood, the largest market-maker

in small company shares. In an interview in the latest edition of Smaller Companies Review he warns that if he finds he cannot compete under the order-driven trading system the Stock Exchange is introducing "we might declare UDI and set up our own stock ex-change. That is not a bluff but about splitting from the tradi-tional Stock Exchange share market and launching their own versions.

Mr Winterflood's SCR comments coincided with new wor-ries that the world could face another share melt-down. On Friday fears of a crash erupted

with frightening force. He warned that in an orderdriven system trading in the shares of smaller companies could be impossible in a bear Only the top 350 companies

enjoy sufficient trading volume to justify order-driven, as opposed to the present pricedriven, trading, he believes.

It is, of course, often difficult to trade in shares of smaller companies, even in a bull marker. With trading infrequent there is also a natural tendency for market-makers to shelter behind wide spreads.

So the middle market price often far removed from the ealing level Mr Winterflood, head of Winterflood Securities which deals in the shares of nearly

1,500 companies, thinks London's stock market should split The top level would, in effect, be a wholesale market traded internationally by large financial institutions. There



STOCK MARKET WEEK

DEREK PAIN Stock market reporter

of the year

soak up all the big business: "We think it foolish to go on pretending that retail holders of stocks and shares can get the same price as the wholesalers.



In no other market in the world do we get the guarantee that you get the same price and that everyone is treated the

One market-maker has already decided to go it alone.
John Jenkins stepped in when the Stock Exchange, surprisingly, decided to do away with the old matched bargain 4.2

Order-driven trading, embracing the 100 Footsie shares, is due to start on 20 October next year, It is, however, the Stock Exchange's intention for all shares to be subject to the

no time frame has yet been It has to be hoped that the needs of small investors will be given priority as the new-style trading is thrashed out. Many feel the Government and the Stock Exchange authorities have failed to look after the interests of the small sharehold-

er, caving in to the demands of

order-driven system although

joyed a brief membership of Footsic.

Now a hotel, pub and wholealing operation Greenalls had the sense to give up brewing as the impact of the Government's controversial Beer Orders became apparent. It has, therefore, been able to extend its pub estate without worrying about the retail ceiling formula Whitehall imposed on the hig

On Friday the company at last managed to check out of US hotels. It has sought for years to unload its modest transatlantic chain which, it felt. did not fit in with its operations. The six properties were sold for

Compass, the expansion hungry contract cateror, could top £115m (£73,2m last time). With around 75 per cent of its profits coming from overseas the recent strength of sterling

could be creating a few problems Yorkshire Electricity could he called the one that got away - at least for the time being. To many old-fashioned punters it must seem incredible that the group is still independent and

able and ready to produce its own profit figures. At one time it experienced a veritable crescendo of takeover speculation; yet the longsignalled bid failed to appear and indeed Yorkshire says it

ozelle

the big investment house; and fund managers.

Crest, the computerised market. it is something I would not like to have to do". would be a different set of reg-In a bear market there He launched Ofex, which £14m. As Nat West Securities would, he warns, be only sellnow features approaching 150 shares, ranging from old 4.2 stocks like Weetabix to inshare settlement system which has suffered such a painful ulations for the second level observes, the disposal reprenever received a hint of a soli-Any break-away might not ers in the small company sents "a long overdue exit from a business which has rarely tary approach. Its first-half market which would embrace be confined to the smaller the full list of quoted shares sector. birth, is the latest influence profits will be sharply down stock market players. It is "It would then become very triguing start-up ventures such as Motion Media. Tradepoint, been in profit over the past 10 with rules to allow price-driven from £110.6m to nearer £86m. which seems to disadvantage known that some of the large difficult for fund managers to trading in the smaller and But the market will be more the small man. investment houses, unhappy with what they see as lack of get a value on their portfolios. Effectively the shares would go medium sized companies. The an order-driven system, has NatWest sees profits emerg-This week's results get little interested in any moves to realso emerged as, at the mo-ment, a flea-bite rival to the ing 45 per cent higher at £145.5m with the dividend up. third market already exists in support from the hig battalions. turn cash to shareholders. A direction from the Stock Exunquoted while the bear marthe shape of AIM. Biggest reporting is Greenalls. share buy-back - or special divchange Tower, have talked perhaps, 8 per cent to 15.3p. The wholesale market would main market. the former brewer which en-Distributors

207 AB Law 71 x7 8 356 Abbryonst 55 37 3 3 566 Abbryonst 50 37 3 566 Abbryonst 50 47 6 56 37 3 566 Abbryonst 50 47 6 56 37 6 566 Abbryonst 50 47 6 56 37 6 56 47 Prices are in sterling except where stated The yield is list year's dividend, grossed up by 20 per cent, as a percentage of the share price. The price/earnings (P.E) ratio is the share price divided by last year's earnings per share, excluding exceptional items. Other details: If Ex inghts x Ex-dividend of Ex all utilisted Securities Market's Suspended pp Partily Paud pm Nil Paud Shares. \$ AM Stock. Source: FT information Distributors The Independent Index Anyone with a tone-dial telephone can use this service. For a detailed description of The **Interest Rates** 600% Discourt
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# Utilities fear £5bn bill after call to return pension cash

Chris Godsmark Business Correspondent

The chief executive of one of the privatised regional electricity companies has warned that a landmark ruling by the pensions Ombudsman, which called for electricity employers to hand back surplus cash removed from their pension schemes, could have as big an impact as Labour's planned windfall tax.

It emerged last week that Dr Julian Farrand, the Ombudsman, had provisionally told Nahave since been anxiously tak-

£44m it removed from the Electricity Supply Pension Scheme, the umbrella body for schemes run by all the privatised firms including power generators. The cash represented about 70 per cent of a surplus identified after a valuation of the Grid's portion of the scheme by actuaries in 1992. Dr Farrand said the Grid had misused the surplus because the rules of the scheme blocked such payments

to the employer. Other electricity companies tional Grid to return almost ing legal advice on the judg-

ment, which could mean their having to hand back up to £1bn. This could raise serious questions for CalEnergy. The US group is bidding £782m for Northern, which is thought to have taken a substantial portion of the £83m surplus arising at the last two valuations of the company's pension fund. Any repayments would hit the net

worth of Northern. Surpluses of some £500m were removed by electricity employers after the 1992 valuation, including £176m thought to have been used by National Power to fund early retirement cases. There's no question turn the cash would be for as we did. There's just no way benefits for staff.

Another valuation in 1995 identified a further surplus of about £650m, of which the majority is also thought to have been taken by the employers. Peter Woods, the solicitor from Stephens, Innocent who represented the Grid pensioners, was convinced the ruling would also apply to last year's valua-tion. The rules of the scheme haven't altered at all between 1992 and 1995, so the Om-

budsman's judgment has to have the same impact in both

about it."

One regional electricity com-pany, which did not want to be identified before the Ombudsman gave his final warning carly in the new year, predicted the judgment would cause turmoil in the industry.

The company's chief executive said: "This ruling is non-sense. It's the employers who have to make up any shortfalls in pension funds so it's only right that employers also get the He said the only way to re-

vatised utilities, which is widely expected to raise up to £5bn. The company also warned that the industry would have to

slash redundancy payments to staff in the future. He explained: "The surpluses help the RECs to make generous redundancy payoffs, generally of the order of two years' salary. This was the only way we could cut thousands of staff as quickly

electricity companies to take on

huge amounts of extra debt. The

impact would be similar to

Labour's windfall tax on the pti-

we could continue with that if we couldn't use the surpluses. National Grid has until 17

January to respond to the Ombudsman, but unless it can come up with new arguments his final ruling is likely to back up the provisional judgment. The Grid would then be certain to take the issue to the High Court, in an attempt to protect its shareholders.

The sharing of pension fund surpluses always lead to complex negotiations with pension scheme trustees. Final salary schemes make a promise of a pension directly related to an employee's earnings, usually measured in the last three years before retirement, and this means the fund is at risk of having to find a lot of money from somewhere if investment performance is not up to scratch.

Separately, Labour claimed yesterday that the Government had admitted in a Commons reply that gas, water and electricity bills had risen 13 per cent in real terms since 1979, and 3 per cent since the completion of privatisation in 1990.

# BA abandons plans to buy super-jumbo

Michael Harrison

British Airways has shelved plans to be a launch customer for the 747-600X, the superjumbo jet that Boeing hopes will maintain its lead over the rival European aircraft manufacturer Airbus Industrie.

The move is a blow to the US planemaker which was counting on BA to back the \$7bn (£4bn) development programme by placing an early order for the proposed family of 450-550 seater jets. The launch of the 747-500X/600X range is four months behind schedule.

Even if the go-ahead is given in the next six months the jets, which will cost \$200m each and carry 30 per cent more passengers than a conventional jumbo, will not be in service until 2001 at the

BA's withdrawal is the latest complication for the superjumbo programme. It has also been affected by uncertainties over what engines will power it and plans by Airbus to double-decker aircraft, the

plane Group, said: "The odds of launching this programme are a little better than 50:50 but it is not a slam dunk. We will be betting the company on seater aircraft at only 470 over this project and we have a tough business case to prove."

tively negotiating an order. BA is instead concentrating on other priorities - the merger of transatlantic services with American Airlines and its goal of saving an extra £1bn by the end of decade by turning itself into a "virtual airline". So far only two long-haul car-

riers - Thai Airways and Malaysian Airlines – have said they intend to buy the new Boe-ing aircraft. Thai and Malaysian have indicated they would purchase 12 jets but Boeing needs more orders from a bigger number of airlines to launch the programme. John Roundhill, director of engineering on the pro-gramme, said Boeing was talk-ing seriously to half-a-dozen airlines about the stretched 747. Other carriers who would be interested include Cathay Pacific, Qantas, Lufthansa, Air France and North West. But

BA is the big prize. We know they have other things on their mind but it is very important to have BA as

Boeing and Airbus mean-Ron Woodard, president of while continue their cat and the Boeing Commercial Air- mouse game over the development of their rival superjumbo programmes.

Mr Woodard said Boeing estimated the market for 500-plus the next 20 years and claimed that the Airbus A3XX could Although BA is still part of the airline working group ad-Airbus puts the market at 1,380

vising Boeing on the project, it is not now thought to be accosts would be \$8bn-\$12bn. Boeing announced a deal last week to collaborate on the engineering design and analysis of the 747-500X/600X with its US rival, McDonnell Douglas. Not to be outdone, Airbus has brought Alenia of Italy on board to help develop the

> The Italian company will have a 10 per cent stake in the A3XX but will not, at present, take a direct shareholding in Airbus alongside the existing partners, British Aerospace, Aerospatiale of France, Daimler Benz of Germany and Casa

Mr Woodard said there were "no plans or even dreams" to develop the collaboration with McDonnell Douglas into a merger of the their respective commercial aircraft businesses. He also said that the Alenia-Airbus tie-up would not change Boeing's relationship with the Italian company which is a long-standing supplier to Boeing which estimates that the total market for new aircraft will

over the next 20 years. Of this, aircraft the size of the 747 and bigger will make up 18 per cent by value but only 7 per cent by number - equivalent to just over 1,100 aircraft. The biggest growth will be in single-aisle aircraft led by the burgeoning demand from the Chinese who alone are forecast to account for nearly a tenth of all deliveries between now and



Potential high-flyer: A model of the Boeing 747-500X undergoing testing in a low-speed wind tunnel

# Boeing success shot in arm for UK aerospace firms

Britain's aerospace industry of millions of pounds following Boeing's success in being shortlisted for the Joint Strike Fighter project.

The huge programme to build a next generation fighter jet for the US Air Force, Marine Corps and Navy and the Royal Navy could eventually be worth \$150bn (£90bn). Boeing, which is in competition with Lockheed Martin for the programme, has won a \$660m con-

of the JSF and says that about Michellich, Boeing's JST pro- Navy's Sea Harrier. The UK rely in the UK. Among the British aerospace groups selected by Boeing so far are Rolls-Royce, GEC-Marconi and Dowty. British Aerospace was teamed with McDonnell Douglas, which was surprisingly knocked out of the contest last month when the US government narrowed the shortlist to two. But

an important role as a sub-con-

approached BAe.

We are in competition with Lockheed and when it is appropriate to make an announcement we will do so," he said. He added that the proportion of the work undertaken overseas would rise from the present figure. The US and UK requirement is for 3,000 air-BAe confidently expects to play craft. The JSF will replace a number of aircraft in service today including American F-18 tractor to one of the two re-

each been awarded four-year development contracts which, in Boeing's case, will involve the building of two test aircraft - a short take-off and landing variant and a aircraft-carrier based variant. Production contacts are due to be awarded in 2001 with the aircraft entering service around 2008. It will have a 600-mile range and will be armed with 11,000 pounds of ordnance and a 20mm gun.

# Moorfield pulls out of bid for Greycoat

Peter Rodgers

Greycoat, the £200m property company, said yesterday that it welcomed an announcement late on Saturday night that Moorfield Estates had dropped its plans for a bid.

Moorfield is a rival property company about a quarter the size of Greycoat by market

capitalisation.
It approached Greycoat informally after UK Active Value, an investment company. launched a campaign to force Greycoat to dispose of a number of properties.

But UKAV came to an agreement with Greycoat last week which allowed the property company to see 2'! rebel shareholders when it w? a vote at an extraordinary

meeting.
Michael Beckett, chairman of
Greycoat, claimed £300,000 had been wasted organising meetings and paying advisers to fight allegations made by UKAV, which is led by Bryan Myerson, UKAV has 10.3 per

cent of Greycoat. With about 95 per cent of shareholders supporting Mr Beckett against proposals to sell £500m of property and in effect liquidate Grevcoat, observers believe Moorfield was bound to takeover bid.

A spokesman for Greycoat said that there had been no direct communication from Moorfield yesterday and that the company had learnt about the Moorfield decision to withdraw from other sources.

Moorfield said weeks ago it was putting together an allpaper proposal to merge with Greycoat, but appears not to have made concrete proposals.

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### Knight refuses to ease takeover rule for societies turned banks

Peter Rodgers Financial Editor

Angela Knight, the Treasury minister, insisted yesterday that she would not back down on her plans to make building societies that become banks lose their protection against takeovers, if they make a bid of their own. Mrs Knight was speaking ahead of a meeting of Alliance & Leicester members in Lon-

don's Docklands tomorrow to approve the conversion and floiation next year. The society has been the

most vociferous critic of the proposal to make the five-year protection against bids condi-tional on not mounting takeovers for other financial in-

With Alliance, Woolwich and Northern Rock all complaining that their flotations are threatened by her new building societies legislation, she said "we Adamant: Angela Knight

are talking about building so-cieties as big as the Royal Bank of Scotland and larger than

Guardian Royal Exchange". Mrs Knight added that it would be 'so discriminatory to allow these huge financial in-stitutions to make hostile bids against others without those other institutions being able to



protect themselves. They would be unable to do a counter-bid because of the protection."

She said she was not prepared to make changes in the core proposal of removing the five-year protection from any converted society that made a bid for another financial insti-

She believed there was an ex-tensive range of activities societies could undertake without losing their protection, including the purchase of mortgage books and mortgage brokers and joint ventures with other companies, for example in the insurance industry.

She also denied a weekend report that her draft Building Societies Bill would be softened. to allow agreed mergers with other building societies to take place without loss of protection. Mrs Knight's refusal to inother building societies in the

draft Bill is likely to disappoint Woolwich, which has been pressing her to say that protection can be maintained in

Mrs Knight said the problem with the proposal was that it had never been possible to define an agreed takeover in law.

Woolwich is thought to be less likely than Alliance & Leicester to mount large-scale takeovers after conversion, and it flatly denied yesterday it had been in talks with Royal Bank of Scotland, after a merger approach from the bank. A spokesman said preparations for the flotation were going ahead.

Mrs Knight also said she was seeking a way to allow a converted society to drop the takeover protection "if it really wanted to" while setting the threshold for voting at a level that would stop the society beclude even agreed mergers with ing "bounced" by a relatively small number of shareholders.

#### Wickes poised for £50m cash call

Wickes, the DIY retailer, is company's chairman and chief likely to call on shareholders for extra cash this week. Some City analysts believe this could trigger a takeover bid for the company, whose former senior managers are under investigation by the Serious Fraud

"We have not given an exact date for the rights issue but it is likely to be this week," a spokesman said yesterday. The group is expected to seek £50m in a move designed to plug a bole in its finances following the discovery of accounting irregu-

Potential bidders include building materials giant RMC and Woolworths to Comet group Kingfisher. Analysts believe Wickes would command at least £200m.

The Serious Fraud Office launched an investigation late last month into the former semor executives of the group. Henry Sweetbaum.

executive, resigned in June after disclosing that past profits were overstated.

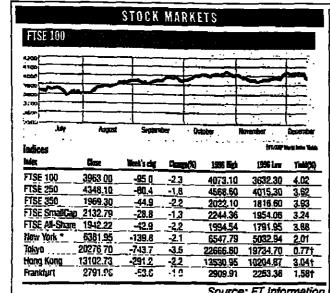
that he had agreed to repay £720,000 of profit-related Former finance director Tre-

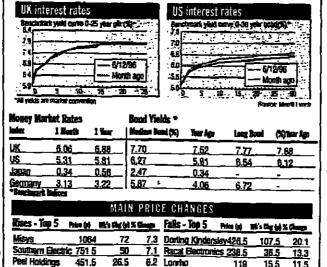
for Llewellyn, who left to join another company, agreed to pay back £485,000.

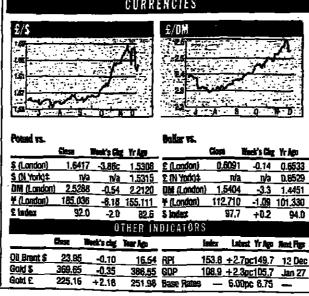
A report commissioned by the new management from Price Waterhouse and the law firm Linklaters & Paines found that profits had been overstated by a total of £51m over a number of years.

New chairman Michael von Brentano said in a shareholders' circular that Mr Sweetbaum must accept "ultimate responsibility" for the overstated profits, adding that there was no evidence that Mr Sweetbaum or other directors had been aware that supplier rebates had been prematurely booked as profits.









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#### **GAVYN DAVIES**

'Higher public borrowing by our European neighbours will increase the level of real interest rates throughout the single EU capital market. whether or not that market is bound together by fixed exchange rates. We cannot declare

independence from

these effects'

## Son of ERM can stave off a shotgun wedding If Britain eventually decides to stay out of crease the level of real interest rates through-the single currency, as even Ken Clarke out the single EU capital market, whether

is reported to believe that we will, it will be crucial for our future to avoid a situation in which we simply drift away from the EU as an organisation. There will be a powerful tendency for this to take place, but we can mitgate it by adopting a co-operative and integrationist approach to other items that are on the EU's economic agenda.

For example, there is our attitude to Stability Pact, a budgetary arrangement that will be probably be agreed in principle at the Dublin summit next weekend. The Germans have been asking for a "pact with teeth" but sadly, according to one government official this week, the outcome is likely to be a "pact with dentures". This means that the teeth in the mechanism will be removable by the user

3.30

3.10

280

at will, ie that the enforcement mechanism needed to avoid excessive budget deficits inside the single currency will not be as tough as the Germans originally proposed. Even so, we should recognise that this "pact with dentures" is in the interests of all low-debt economies like the UK, whether or not we join the single currency.

This particular penny has not yet dropped in the minds of the Euro-scentics, who seem hostile to the pact as a generality. and not just as it would apply to the UK if we ever joined EMU. The point is that higher public borrowing by our European neighbours will inor not that market is bound together by fixed exchange rates. We cannot declare independence from these effects.

Martin Brookes of Goldman Sachs has recently estimated that a successful Stability Pact will eventually reduce the level of European real interest rates by up to a full perentage point (admittedly over 25 years). The UK has a very strong vested interest in encouraging this to take place. Not only will it save the government about £4bn a year in interest payments, but it will also boost the level of capital investment, and the rate of sustainable GDP growth. Why anyone should imagine that it is in our interests to encourage the Italians to run huge budget deficits – which by implication is what the

What if sterling rejoined the ERM?

Euro-sceptics are arguing - is most unclear.

Another question which will be raised by
the Dublin summit is whether the UK should consider rejoining the new ERM system. Obviously, this is not an imminent question, since the initials E-R-M are too horrible to mention in the presence of the Conservative Party. However, if we imagine the quite likely circumstances of a change of govern-ment, followed by a decision by a Blair administration to stand aside from the first round of EMU itself, things would suddenly look very different. A large element of the Labour cabinet would want the UK at minimum to adopt the status of a "pre-in", rather than a permanent "out", and a crucial litmus

test of Labour's sincerity in this regard will be membership of ERM2. Memories of our last experience with the ERM are so painful that any

suggestion that we should rejoin is likely to be met with much derision. However, after the single currency has been launched, the risks of the UK simply drifting away from our closes neighbours are intense. Their main political attention will be on making EMU work, and they are likely to become resentful about the UK acting as a "free tider", taking advantage of the single market without accepting the obligations of membership of the single currency. If we intend to place ourselves nearer the heart of Europe, as a Labour government pres ably will, we can hardly do this

while standing completely aside from monetary integration. By committing ourselves to ERM2, we would be reassuring other EU members that we had no intention of indulging in competitive devaluations against them, and indeed that we intend to enter the single currency when our economy is sufficiently integrated with theirs.

Some people would argue that if we are

to rejoin ERM2, then we might as well go the whole hog and join the single currency itself. But this is quite wrong. The unique disadvantages of the single currency are first that we would be giving up the ability to vary domestic monetary policy in response to domestic economic shocks, and second that there would be no viable exit route for the UK in the extreme circumstance where things go very wrong. It seems doubtful the UK economy is yet sufficiently integrated with the core EU countries to justify taking these risks. Under ERM2, we would not

have to.
The ERM2 proposal is that a central rate should be set for sterling against the euro, but that the intervention bands should be wide, probably of the order of 15 per cent either side of the central rate. Later, these bands could be narrowed as the process of integration proceeds. For illustration, the graph shows what this might have involved f sterling had joined such a mechanism early this year, though for familiarity we express the entry rate against the German mark. rather than against the (non-existent) euro. This does not change the substance of the argument

The central rate chosen on the graph is DM2.55. Recall that sterling originally

joined the ERM in November 1990 at a rate of DM2.95, but in retrospect most observers appear to believe that this rate was set too high, and that a rate of (say) DM2.80 would have been more appropriate.

If we update this DM2.80 rate from 1990

to the present, using relative price inflation in the two countries over the relevant period, we find that the central rate implied by this process is around DM2.55, which happens to be very close to today's actual rate. This is also confirmed by recent econometric analysis by Jim O'Neill and Stephen Hull of Goldman Sachs, which concludes that the equilibrium for the exchange rate on various estimates is between DM2.42 and 2.76.

If we rejoined the ERM at a central rate of DM2.55, then the limits of the bands would be DM2.95 and DM2.15. This encompasses virtually the whole of sterling's actual fluctuations since the ERM broke up in 1992. which implies that we would be left with all of the freedom we need to vary domestic monetary policy, and to allow sterling to oscillate up and down with interest rates.

But these temporary fluctuations would be very different from accepting a trend devaluation in sterling over long periods, which we would actively seek to avoid. This would be a perfectly good compromise until the UK felt that it was sufficiently integrated with other EU economies to justify full membership of EMU. In the choice be-tween being semi-detached from the EU, and wholly detached from it, ERM2 and the Stability Pact have important roles to play, and would be sad if false analogies with ERM1 were to prevent this from being properly considered.

# Share shock likely to leave rates on hold

**Diane Coyle** Economics Editor

Interest rates are unlikely to rise on either side of the Atlantic before the new year, following last week's sharp drop in share prices. But analysts predicted at the weekend that stock markets were likely to remain unsettled or the rest of this year.

Kenneth Clarke, Chancellor of the Exchequer, is due to reply to MPs questions on the Budget today, ahead of his monthly meeting on Wednesday with Eddie George, Governor of the Bank of England.

Although the two men will have preliminary figures for November retail prices, expected to show another inrate, remarks the Governor made last week suggested he will not be pressing for the £6.6bn. The nation is likely to spend £5bn on food

next base rate increase so soon US economy will probably be after the Budget.

The Bank has said that the strength of demand points to the need for higher interest rates at some stage, but Mr George played down financial market fears about the pres-

Similarly, the US Federal Reserve is not expected to in-17 December meeting of its pol-

High street tills will jingle to the tune of around

£23.5bn this Christmas. "Some people do quite

literally go mad - 10 per cent of the respondents

in our survey said they would spend over £1,000 in Yuletide celebration," said John Strachan, in

charge of retail property for consultancy Healey

presents, according to the survey covering 2,000

showing fresh signs of strength. chairman

Greenspan provoked Friday's share self-off by referring to the stock market's "irrational exuberance", in a speech which most Fed-watchers interpreted as a deliberate bid to cool Wall Street's high temperature.

crease US interest rates at the into the new year, the Fed is unlikely to tighten policy. The jiticy committee, even though the ters in the financial markets will

probably blow over fairly quick-" said Mark Cliffe of HSBC ly, sau a Markets.

Steven Bell, chief economist at Deutsche Morgan Grenfell, said: "The history of sell-offs like Friday's is that they get reversed. Even so, there will be further falls. When we get evidence of stronger growth and "Unless the economy roars higher interest rates, that will

> Even without new economic evidence. Wall Street and the

and £1.9bn on drink - a half of total annual spending on alcohol. The remaining money will go on items such as videos, trees and decorations, and going out.

The Welsh spend the most on Christmas, at an average of £650 against the national average of £517. Londoners are the stinglest when it comes than the national average on going out over the holidays, their total average Christmas bill will US bond market are likely to be hit by year-end profit-taking by the giant mutual funds.

These are sitting on enormous paper profits, and Friday's dive will encourage them to lock in their results before the Christmas holiday. In addition, most funds

change their portfolio positions by taking big positions in the futures markets around new year. This too could lead to more upsets during the next few weeks, according to Goldman Sachs equity strategist Abby

The US economy has so far combined steady growth with low inflation. Figures on Friday showed a smaller-than-expected rise in the number of new crease in hourly earnings. This week's consumer price figures this year, a £700m increase are likely to show inflation over last year.

picking up above 3 per cent. Economists expect figures on Thursday to show the UK's annual headline rate of inflation remaining above 3 per cent.

A survey published this morning by the Engineering Employers' Federation shows that pay settlements in the industry have remained steady at an average of 3 per cent.

David Yeandle, head of employment affairs, welcomed this prudence, saying: "We are en-couraged to see that pay settlements in the industry are

On the other hand, the signs of the consumer spree continue to build up. A survey by property consultants Healey & Baker, also released this mornwill spend £23.5bn on Christmas



Spending escalates: Consumers are expected to part with £23.5bn this Christmas, up nearly £1bn on last year

#### IN BRIEF

• Creditors of the Bank of Credit and Commerce International are to receive a 24.5p in the pound payout tomorrow from the liquidators Defoitte and Touche and a second dividend of at least 10p in the pound more is promised within 16 months. BCCI collapsed in 1991 with debts of \$10bn and the payout has been delayed by lengthy court arguments.

• The head of a water firm facing a takeover bid from two French groups yesterday claimed services to 530,000 customers would be hit if the move was successful. An MMC inquiry into the joint bid for Mid Kent Holdings is due to be completed. President of the Board of Trade Ian Lang will consider the Commission's findings before giving a ruling next month on whether the takeover could go ahead. The two companies, General Utilities and Saur, have not yet put a formal takeover offer on the table.

 US officials were optimistic yesterday about prospects for a freetrade pact on information technology at the first annual meeting of the World Trade Organisation. At negotiations between the US, Japan and the EU, on the eve of the five-day WTO meeting in gapore, officials discussed the removal of remaining trade barriers in computer and telecommunications equipment by 2000.

• British Gas was reported at the weekend to be ready to barter control of its Morecambe Bay gas field to ease the burden of the company's take-or-pay contracts with the gas production industry.

BAT is looking at ways to strengthen its financial services em-pire, including a merger or partnership with a bank, building so-ciety or insurance company. The group has ruled out a demerger

• Renters said in response to a report yesterday that it had shelved its plan for a special dividend that it was continuing to look at Peter Goldie, former managing director of the collapsed British

#### Firms all at sea overseas

The take-up and success of overseas postings would improve if companies gave more help to the partners of staff they want to send to work abroad, writes Diane Coyle.

Although nearly three-quarters of companies recognise that working partners have become a more important barrier to their employees taking up international assignments, only two-fifths have a policy to help these wives or husbands.

A survey published today by the Confederation of British Industry and Organisation Resources Counsellors advises companies to become more sensitive to employees' family needs. John Cridland, the CBI's director of human resources, said: "Selecting the staff to send overseas would be improved if firms treated the partners as part of the team."

Of the 38 per cent of survey respondents with a formal policy, the most common belo given to partners was language & Commonwealth, is understood to have been disqualified as a director for five years at a hearing in the High Court on Friday. training and help with work per-

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# Millennium technology gives banks a headache

/瓜 Treanor Banking Correspondent

The race to install new technology to adapt to Crest, EMU and the start of the next millennium is causing concern for the City's investment banks which plan to analyse the effect the rapid pace of change is havng on resources.

The problem is not with the cost of these changes - which is running into hundreds of millions of pounds - but with the number of people and the amount of time available to make the changes.

Kit Farrow, director of the London Investment Bankers Association (Liba), said: "It's a question of whether we're attempting to achieve more than collectively City institutions can

Crest, the new electronic cation, banks must be ready to share system, is continually dogged with problems and the introduction of new shares to

the system has been delayed. Problems with Crest have had a knock-on effect on the Bank of England's plans to upgrade the Central Gilts Office electronic settlements system which will use the same software

as the Crest system. This means that plans to trade the interest payments on gilts separately from the prin-cipal - known as "strippable" government bonds - have been pushed back further into 1997. On top of these immediate changes, City banks are prepar-

ing their computer systems for

the introduction of the euro, the

single European currency, in

1999. Regardless of whether

Britain takes part in the unifi-

trade the currency. They must also deal with the problem facing companies world-wide - the fact that com-

puter systems were not designed to cope with dates after 1999. When 2000 begins, many firms will find that their comouters believe it is 1900 again as they only read the last two digits of dates.

We're turning our attention increasingly to the load on systems changes." Mr Farrow said. Liba was looking at this issue more vigorously than in the past and was talking to its members about the problems technological changes could be posing. "We're very anxious not to

jump to conclusions," said Mr

Farrow. "But we may find that

there are real questions to try

to explore with members."

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# Putting psychics to the test

An arch-sceptic is offering \$1m in a challenge to belief in the paranormal, writes Wendy Grossman

lionaire if you have psychic powers. A fortnight ago, James Randi, the magician and noted debunker of paranormal claims, announced that he has \$1,073,000 waiting as a challenge. prize for anyone who demonstrates psychic powers under controlled conditions.

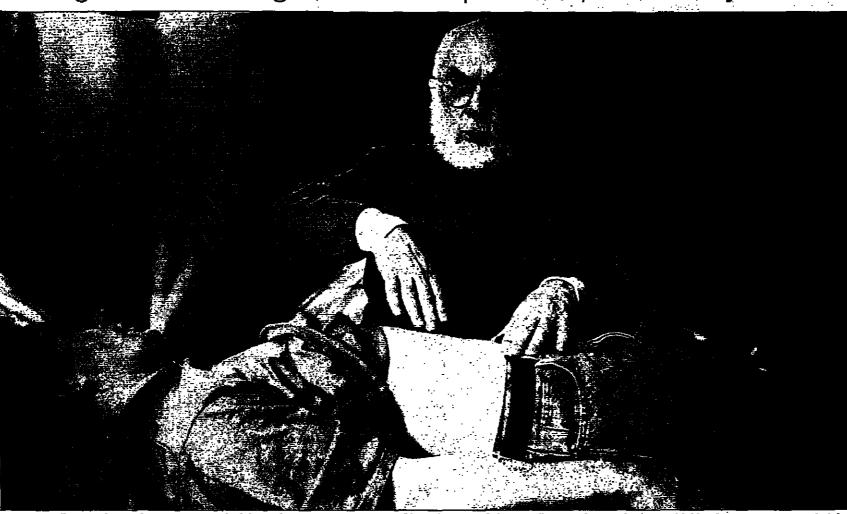
"Just ask for an application form: send a letter plus a stamped, selfaddressed envelope to this address (international applicants can forget the stamp) and fill it out, have it notarised, make the claim, demonstrate it, and walk away with more than one million dollars! It's that simple," he said on his Internet mailing list recently. "Again I ask, why isn't the lobby of the James Randi Educational Foundation jammed with psychics? Perhaps they were waiting for the prize to be worthwhile? Well, now it is."

If things go well, you might pick up another \$1m from Uri Geller, who has promised to pay that to anyone who can bend the spoon in his transparent safe, via a link across the World Wide Web. (Though you will have to do it again in front of a representative from his insurance company.)

But generally, these are hard times for those who approach all paranormal claims sceptically. (They are often known as skeptics the "k" harks back to the American origins of their movement.) At June's World Congress to mark the 20th anniversary of the founding of the Committee for Scientific Investigation of Claims of the Paranormal (CSICOP), speakers contended that anti-science is growing everywhere, even within academia.

Yet comparing polls since 1989 suggests little change in the public's belief in topics such as precognition, lucky charms, and exchanging messages with the dead. If anything, they're slightly down. A sample: in 1989 42 per cent of those polled said they believed in life after death, while 42 per cent said they didn't; by 1995 those numbers were 39 and 44 per cent respectively. The only exception is belief in flying saucers, which showed a small rise in belief, from 21 per cent yes and 69 per cent no to 24 per

cent yes and 67 per cent no. But Randi, who has been investigating paranormal claims for founding fellow of CSICOP, ques-



James Randi, crusader against supernatural trickery, despairs at the growth of irrationalism: 'Scientifically we're in a dark age ... thinking is out, acceptance is in'

Print listed 131 books promoting paranormal claims; in 1996, it was 2,860. And look at homeopathic remedies (untested in double-blind trials) and the prevalence of programmes such as The X-Files, which some think is documentary.

"If you had asked me six years I would have been encouraged. But immediately after that there started a rapid slide downhill, and it's just catastrophic today. Scientifically, we're in a dark age, he says. The sceptics' attitude "is iust so unpopular - to be logical. informed, to be rational. Thinking is out, acceptance is in."

Earlier this year he set up The James Randi Educational Foundation (JREF), intended to conduct and finance research into paranormal claims, run classes and seminars, award scholarships, and tions the polls' accuracy. He cites other indicators: in 1965 Books in research material, including a pres-

ence on the World Wide Web. JREF also awards the annual Piga-sus trophy ("trophies will be sent via psychokinesis"). And now there's that \$1m awaiting a psychic willing to be tested.

The prize won't be easily won. In 1986 Randi exposed the faith healing televangelist Peter Popoff by playing the information being fed into Popoff's ear by his wife backstage to nationwide television audiences. (Popoff had claimed that the information came from God.) Randi has tested dowsers in Australia, table-tippers in Italy, and, most recently, therapeutic touch practitioners in Colorado. But Randi is best known for chal-

lenging Uri Geller, the Israeli who since the Seventies has drawn attention to his claims that he is able to use the power of his mind to bend spoons, start stopped watches, read minds, and even

speak to aliens. Randi does a very persuasive job of imitating parts of Geller's act using the tricks of the stage magician's trade. His experience with Geller

demonstrates what a tricky business both testing psychic claims and reporting the results can be. In 1991, Geller sued CSICOP and Randi jointly over comments that Randi - then a member of CSI-COP's executive council - made in an interview with the International Herald Tribling: Randi suggested that Geller had "tricked every putable scientists" with techniques that "are the kind that used to be on the back of cereal boxes when I was a kid. Apparently scientists don't eat cornflakes any more."

The case against CSICOP was dismissed in 1993, with Geller ordered to pay almost \$150,000 in costs - though CSICOP later settled for \$70,000. Randi and Geller

settled separately in December 1994, when Geller's case was effectively dismissed, but without damges. Randi reckoned he was about \$240,000 out of pocket. Geller also sued Randi in a number of other countries, winning amounts under \$5,000.

Why does it matter to Randi or other sceptics whether Geller has the abilities he claims? The sceptics reply that if a human being really can bend metal using only his mind, it constitutes a serious challenge to humanity's store of accumulated scientific knowledge, painstakingly built up by careful research over the centuries. If you can't investigate such claims to open the way for further testing and debate and report the results, it is a loss to science and that public

store of knowledge. What can be done? The state of

tackle a similar problem, after environmentalists complained of legal harassment from companies which they accused of pollution. The Colorado law requires any suit in which government decisions are at stake (for example, permission to build a nuclear power

it's not frivolous. Perhaps something of the kind is needed to protect scientific inquiry in the field of paranormal research. Meanwhile, while Randi would say that \$1m has never been safer, he himself is still at risk. And science is the loser.

plant) to pass a test to show that

The Skeptic magazine can be reached at PO Box 275, Manchester M60 2TH, skeptic@cs.man.ac.uk, or http://www.cs.man.ac.uk/skeptic/. The James Randi Educational Foun-What can be done? The state of dation is at http://www.randi.org/ Colorado has passed a law to CSICOP is at http://www.csicop.org.

#### technoques

Questions and answers provided by Science Line's Dial-a-Scientist on

Q Why are our elbows better than testing the temperature of babies' bath water? A Although there are more nerve skin in these regions is usually quite thick and shields our skin temperature receptors from any temperature we are trying to measure. Using a region of our hody which has thinner skin is more effective. It also leaves your hands free to hold the baby.

O How and why do frogs sing? Is it because they're territorial? A Frogs have a laryou and vocal chords like other vertebrates, so sound production is essentially the same as in humans, birds and mammals. However, different species show a range of singing ability, from virtually silent to very loud calls. They probably sing for several reasons—advertising for a mate, intimidating predators or even to get other males to release them from a mating embrace. Generally, males call and females stay silent - or quietly call back to let the male know they're there. Some frogs are territorial only in the breeding session, while others in may guard an area all year round.

Chow does a Venus fly trap digest a fly? A When a fly enters the Venus fly A trap, it knocks a trigger hair that sets the trap. It's not until the fly moves again and triggers another hair that the trap is sprung and the plant closes its "jaws". Once the jaws are closed, the plant lets out digestive juices which dissolve the fly. The juices and dissolved fly are absorbed by the plant. This is similar to how

G flow does water move around in a tree? A Water molecules are very good at sticking together—where one goes, the rest will follow: This is called surface tension. When you pull on one molecule, the rest tend to move, too. Water is sucked out of the tree by evaporation from its leaves;

food is digested in our stomachs.

this pulls water up from the roots. Q Why do male spiders let there serves be eaten by females after

A Only a few species of spider go through this bizarre ritual. The males often try to escape, but as females are many times larger, this is not easy. The males' drive to pass on their genes to the next generation is greater than their desire to live long but ultimately mortal lives. Sacrificing themselves to the female also provides her with extra nutrition, improving her chances of fathering his offspring.

#### theoretically ...

according to researchers at the Massachussetts Institute of Technology, who report in Nature. Countering the longstanding thinking that we remember a face by storing data about relative positions of eyes, nose and mouth, they say that you also need to know about shape and position of their head. They demonstrated the effect using digitally manipulated pictures of Bill Clinton and Al Gore. Where they found people who could remember what Mr Gore looks like isn't recorded.

Why don't models of ozone depletion in the Arctic match reality? Because, say a team in Paris in the latest Nature, the computer models can't reproduce the tiny variations in spatial distribution of the ozone-eating chemicals. These could account for big discrepancies between forecast and observed ozone depletion around the North Pole, they say. While models work well with the Antarctic, the polar air circulation is less

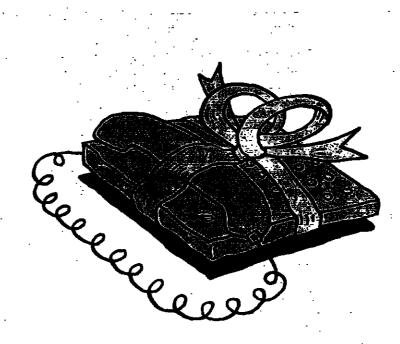
uniform in our hemisphere. To back up becoming clearer. New US research has ozone depletion really is sensitive to smallscale differences. For the winter of 1994-95, the effect is large enough to account for the Arctic ozone depletion being 40 per cent greater than models predicted.

The River Nile's great bend, where it zigzags from its northerly poth to head southwest for almost 200 miles before heading north again, is probably due to tectonic forces. A report in Science based on radar-sensing data from the Nasa space shuttle suggests that the southwesterly movement is comparatively recent, caused by geological uplift from faults in younger rock beneath it. The northwards flow dates from Precambrian strata. So it's not civil engineering to make the cruises longer.

Family-linked cases of Alzheimer's disease tend to occur at an earlier age than the "spontaneous" forms. The role of the "spontaneous" forms. The role of the The day might not be far off. It's just that genetic link - a gene known as PS2 - is you would have to mediate a lot of genes.

their suggestion, the researchers used an found that PS2 mutation produces a molular high-resolution model to show that commit "cell suicide" (apoptosis). Perhaps, say the team at the National Institutes of Health in Bethesda, Maryland, the moiecule makes neurons more sensitive to the "normal insults" of ageing, adding to the toxic burden in the patients brains.

> sly fat, diabetic and infertile: it's no fun being a mouse deficient in leptin. That's the hormone encoded by the "Ob" (for obese) gene which helps you lose weight by suppressing appetite and stimu-lating your metabolism. But as dieters will have suspected, leptin isn't the only player in the weight charades. A neuropeptide called NPY, known to regulate energy bal-ance, reaches high levels in leptin-deficient mice. But mice that don't produce leptin or NPY are less obese than their leptin-deficient mates and suffer less from diabetes or sterility. Gene therapy for weight loss?



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THE INDEPENDENT CROSSWORD No. 3165, Monday 9 Decem Colour which is constant 16 ACROSS A term's leaving him shatin the ocean (5) 15 On tibia being broken tered" (6)

4 Scholarly account, round

about a dime out (8) 10 Make declaration about old Arab's private compartment

11 In poetry, always, that is weird (5) 12 West's wrong wort of con-

13 A French party with gin flowing leads to downfall (7)

and removed at Marror Colour Print, St Alba

ductor (7)

one's limited from the beginning (2.6) 18 Take back tainted mon-

ev in ritual (8) 20 Father collects waste product to get title (5) 23 Vegetable, very black one, in prison (7) 25 Catalogue of best records set to be wiped out? (3.4)

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26 Some horror recurs over Poor state assigned to

friend's sense organs (5,4) Ought Queen to bear re-sponsibility? (8) Ideal country to return one trophy in gold (6)

DOWN Male cooked his potato

Take nourishment, cating fish for a change (5-2) Yet Tuesday's high tea produces result (9) Monopoly feature in a US fund (9,5) Fear being late, having to cross river (5) Skill getting into short skirt deserves a drink (7) Breaking leg cry for providers of service? (6) State game is Murphy's ru-

ination (8,6) Job description selfishly makes one irritable? (9) Musical composition of fellow worker on continen

Stop and proceed after

change to amber (7)

21 Make poor provision about June's bit of winter sport (3-4) Experts regularly doubling up means of entry (6) A Russian river detected by ear (5)

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